

Heterogeneous Distributed Environment

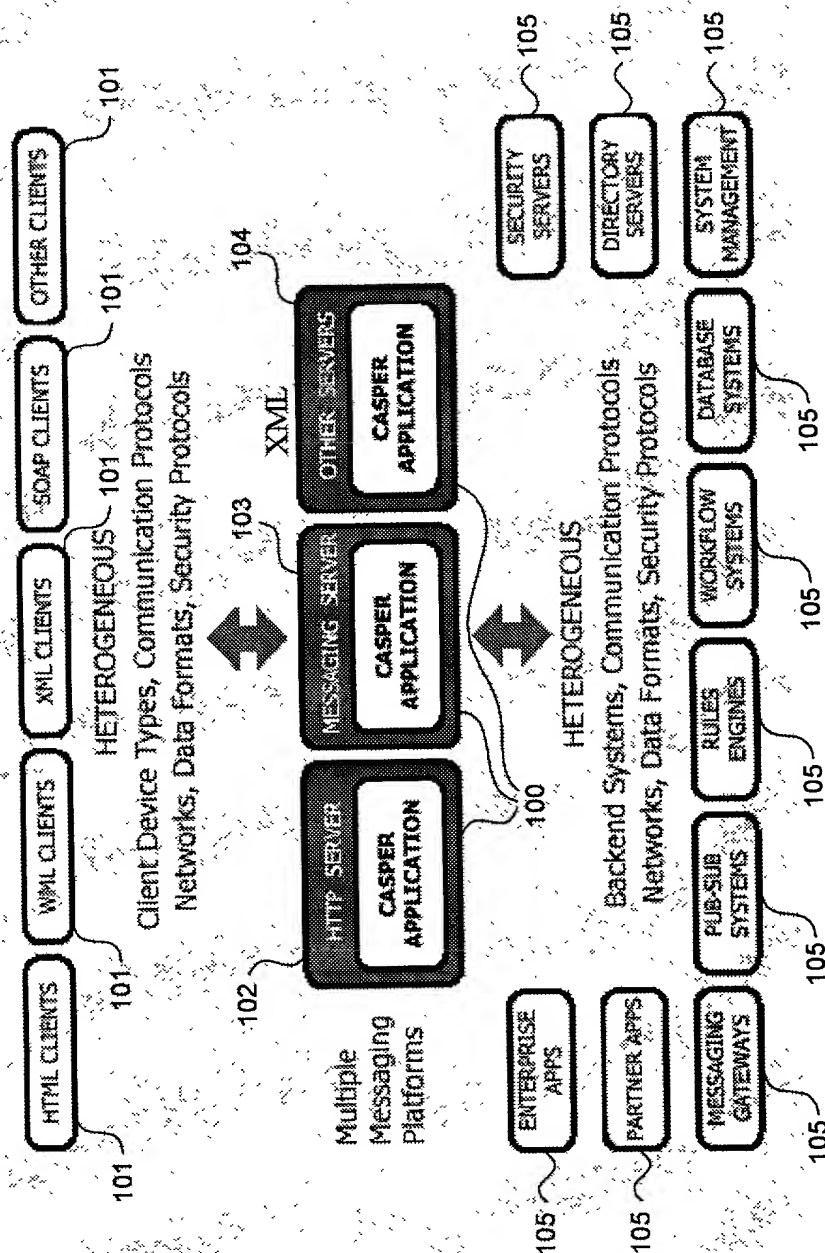


Fig. 1

Container and Framework Overview

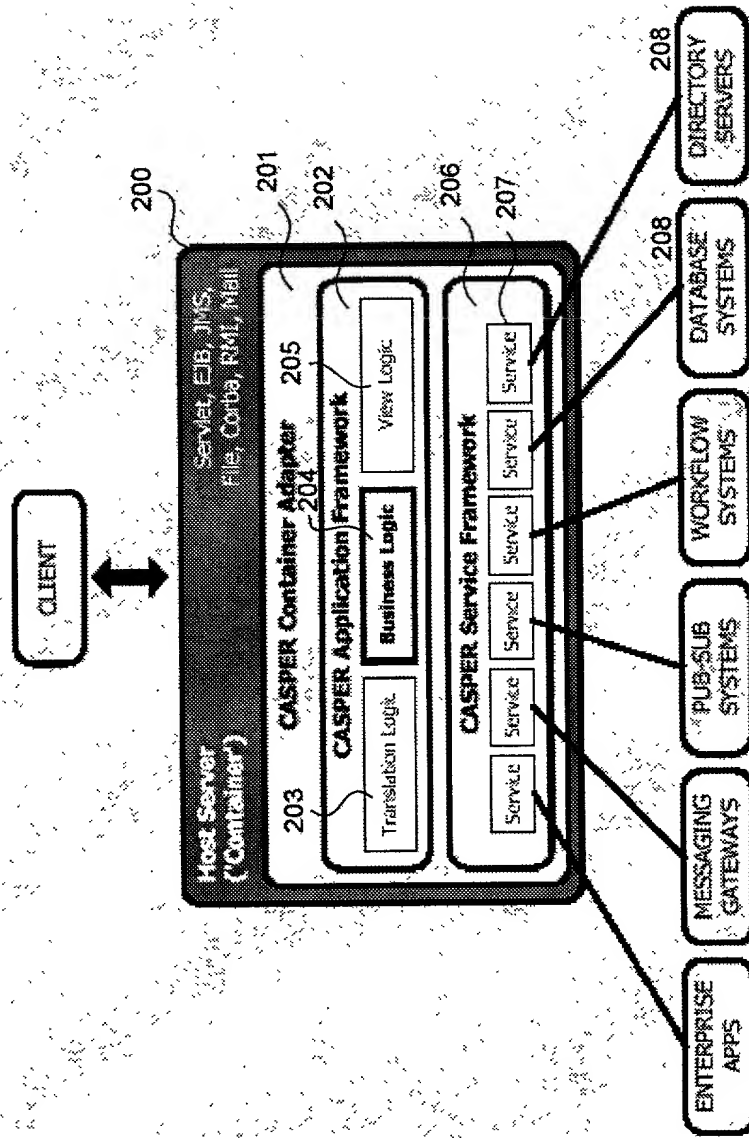


Fig. 2

Application Framework Overview

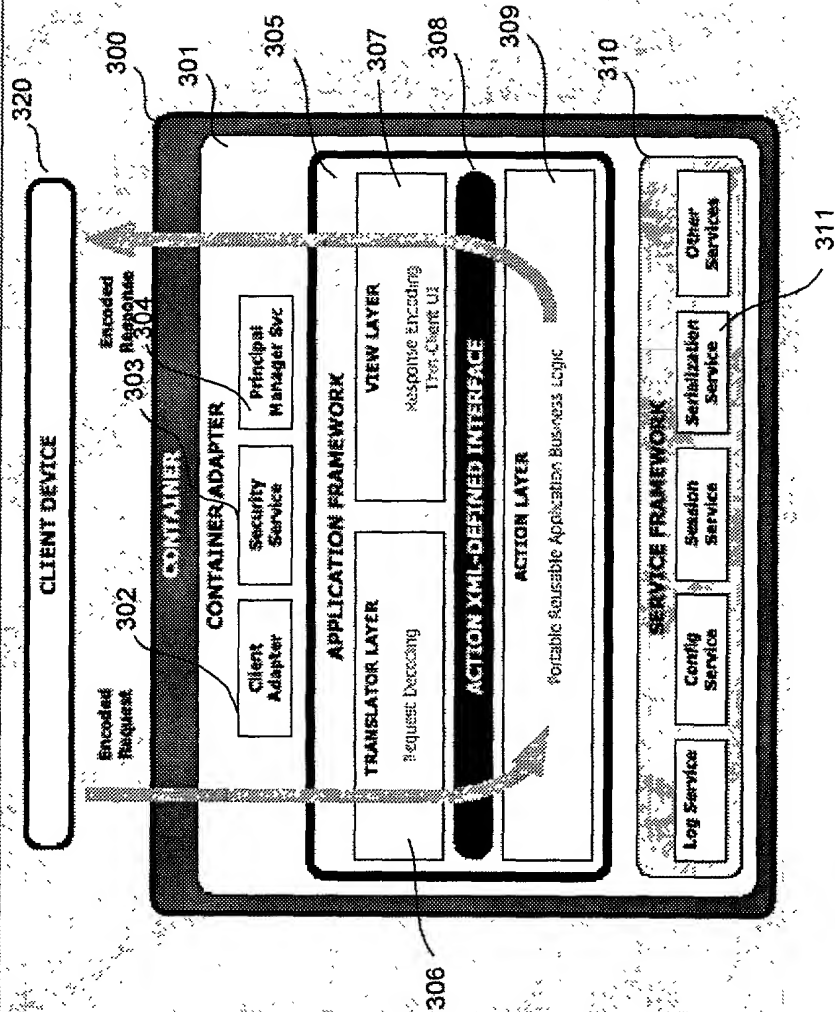


Fig. 3

Published XML-Defined Action Interface

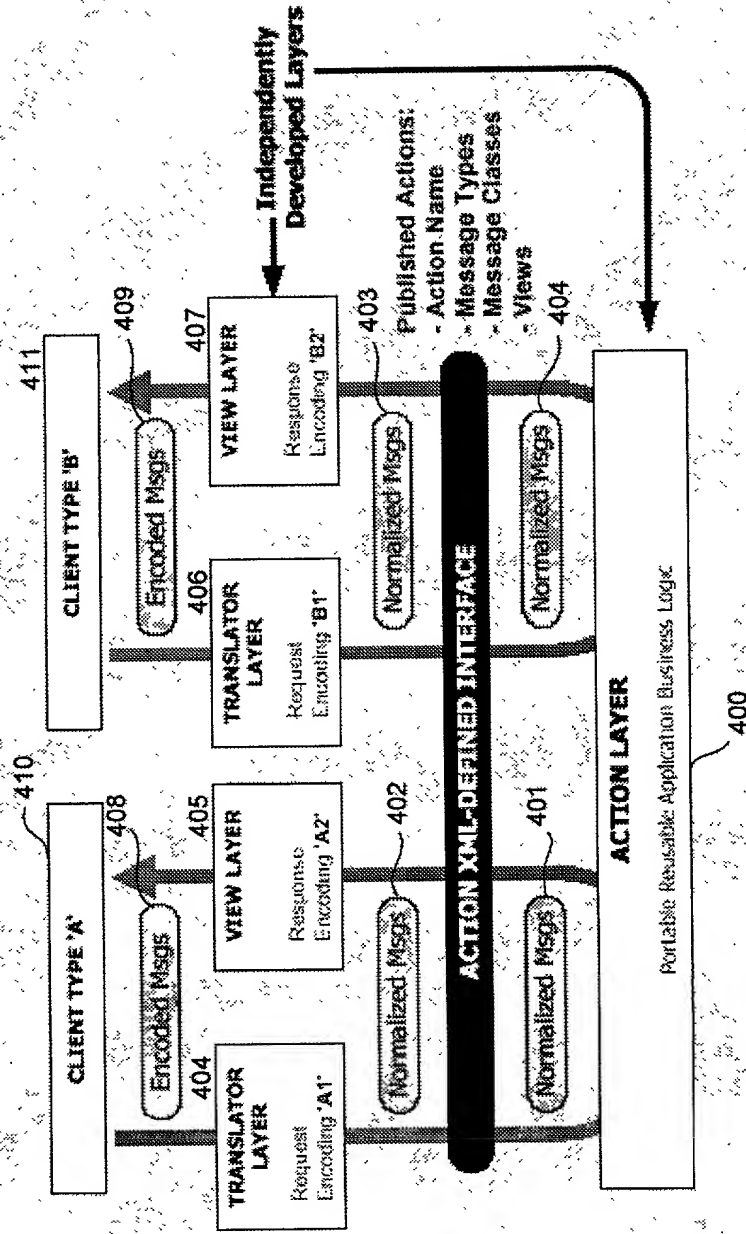


Fig. 4

Application Request Lifecycle Overview

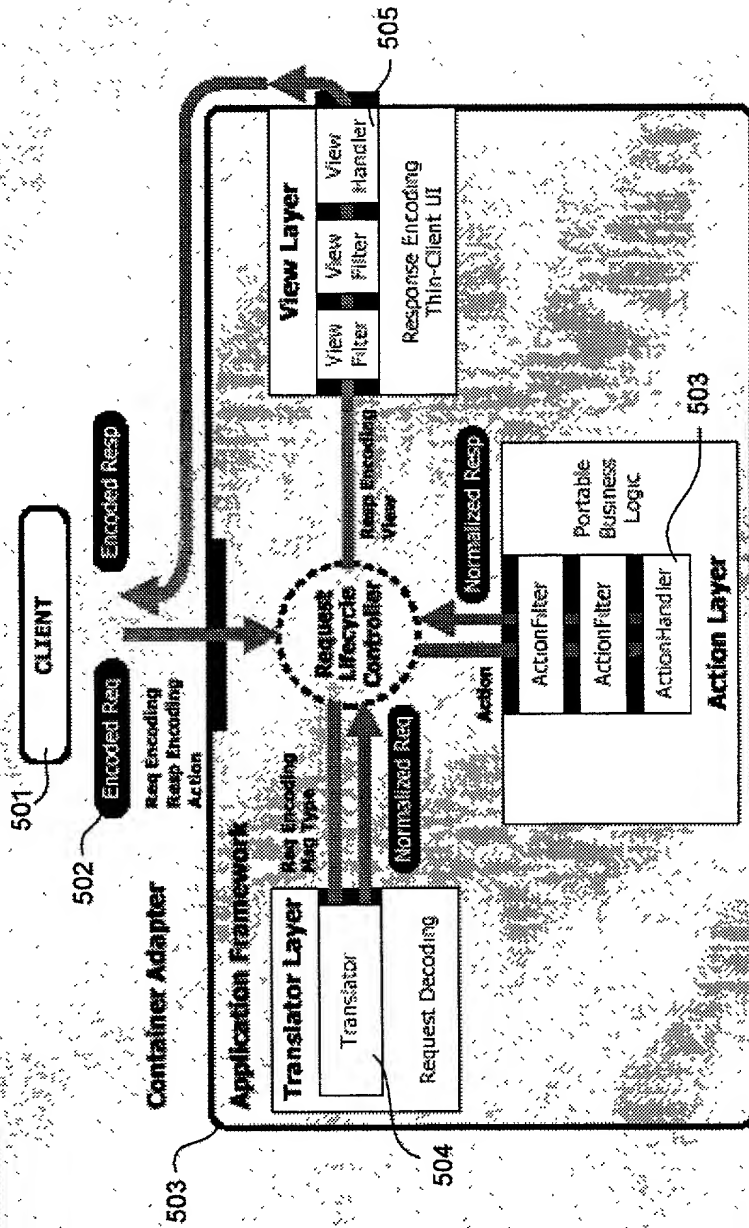


Fig. 5

Fig. 6

Action Layer Components

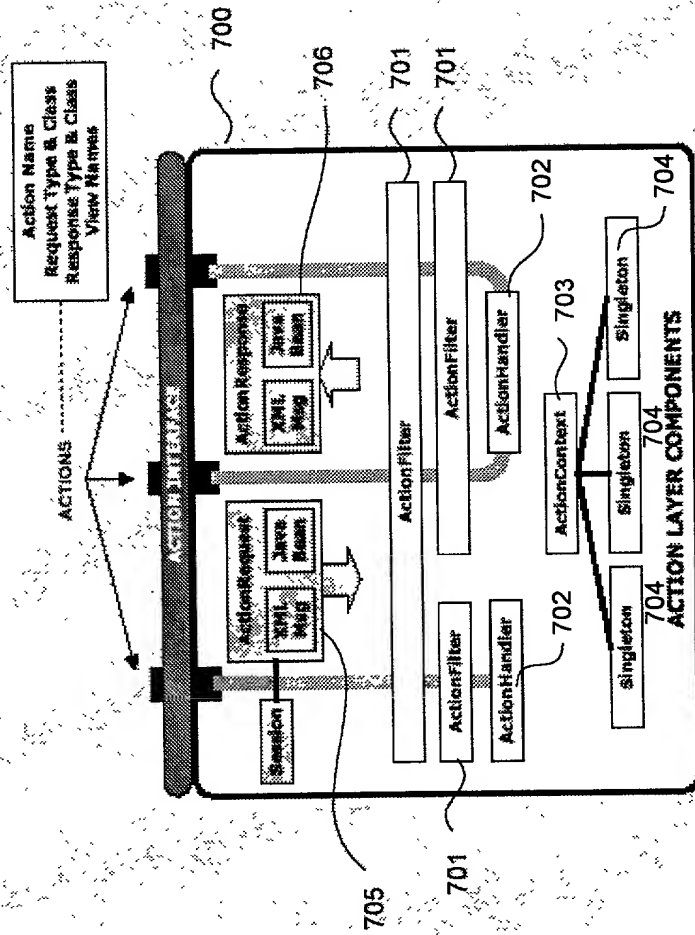


Fig. 7

Action Layer Request Sequence Overview

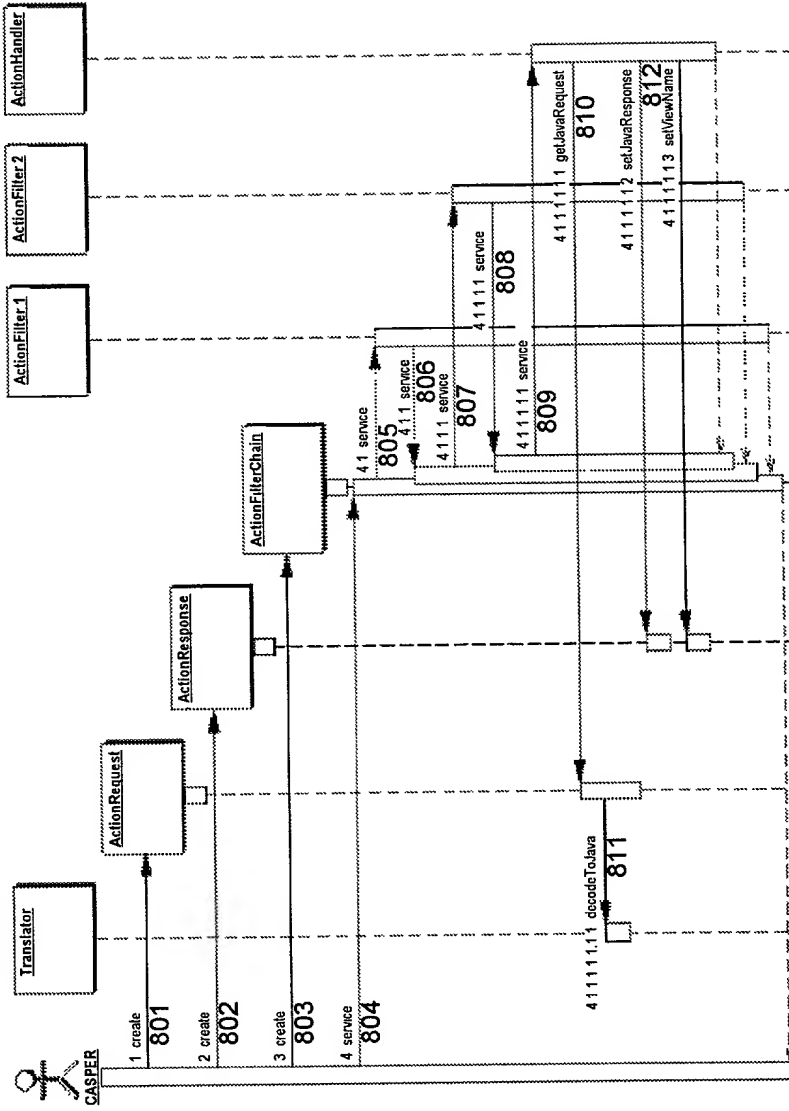


Fig. 8

Action Layer Dynamic Dispatch

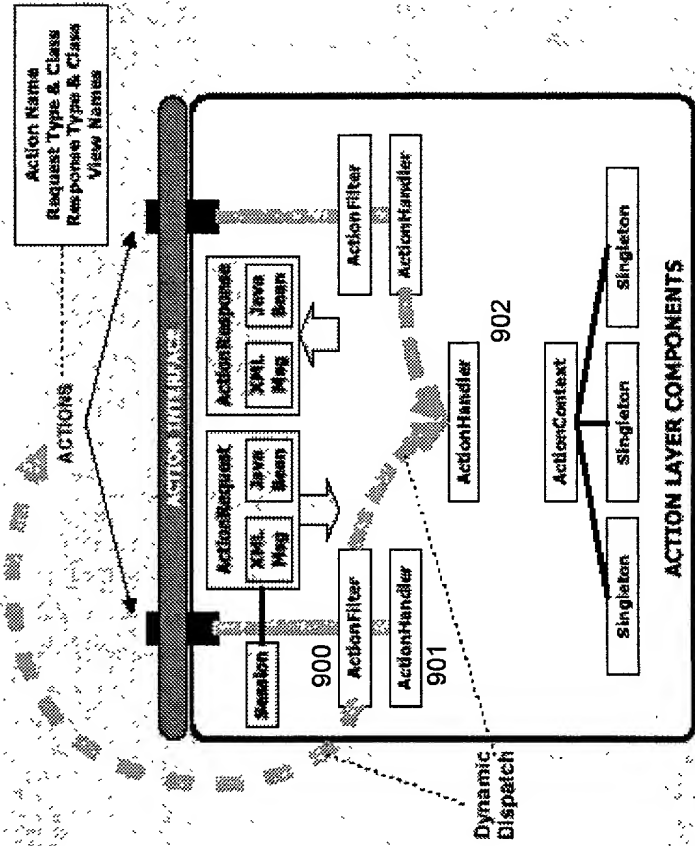


Fig. 9

View Layer Components

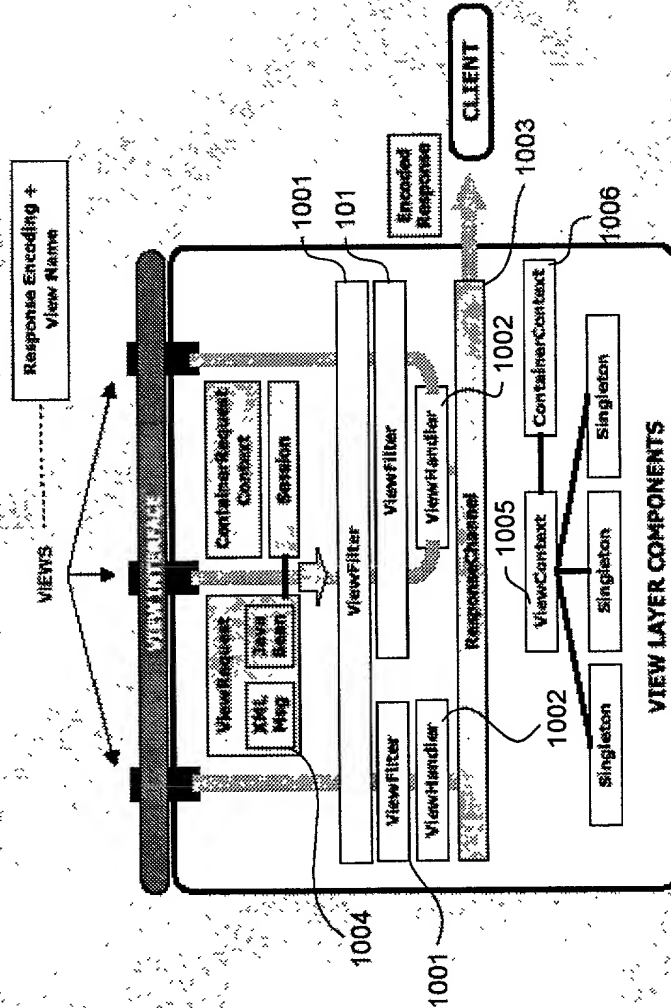


Fig. 10

View Layer Request Sequence Overview

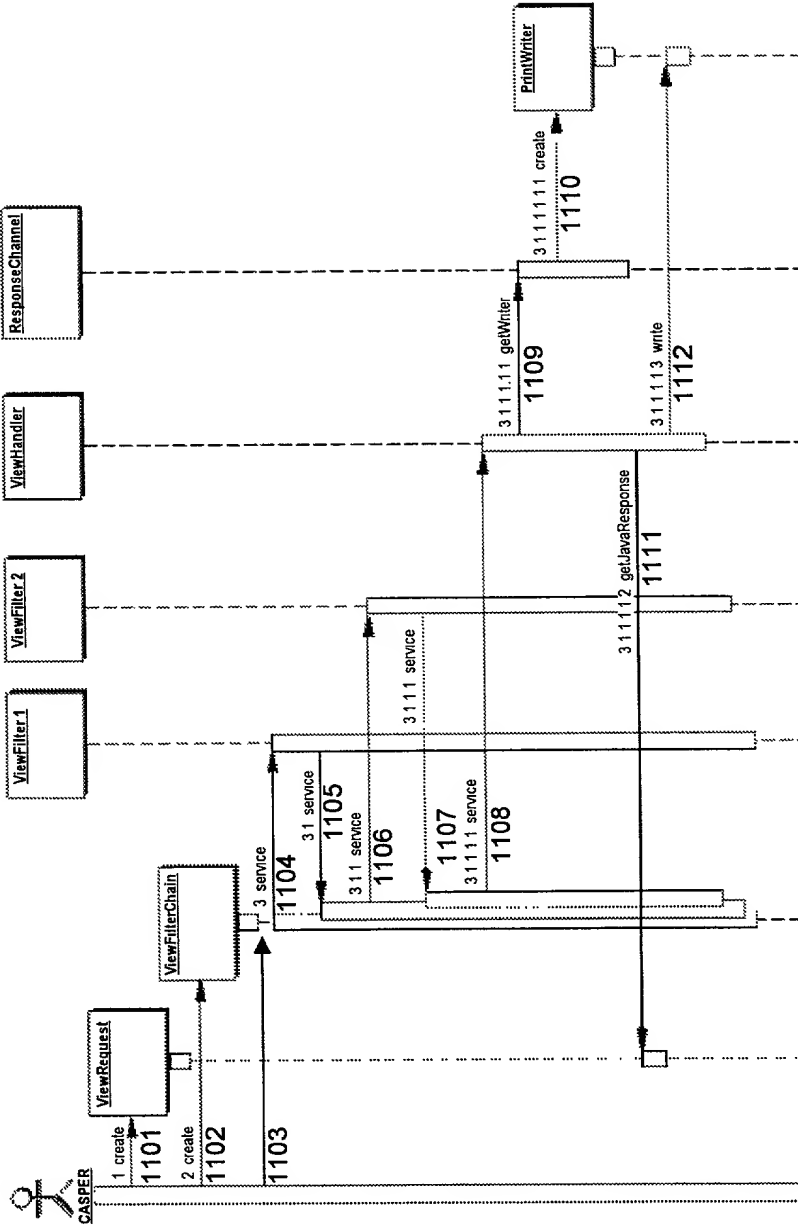


Fig. 11

Configuration And State Architecture

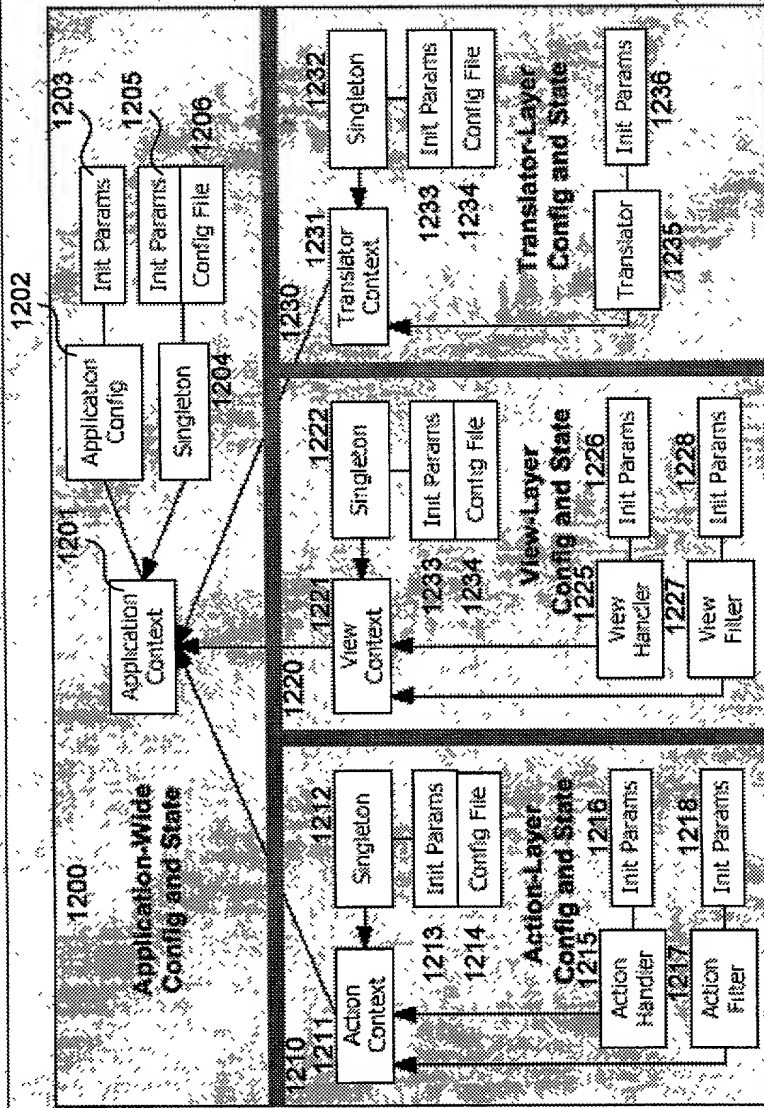
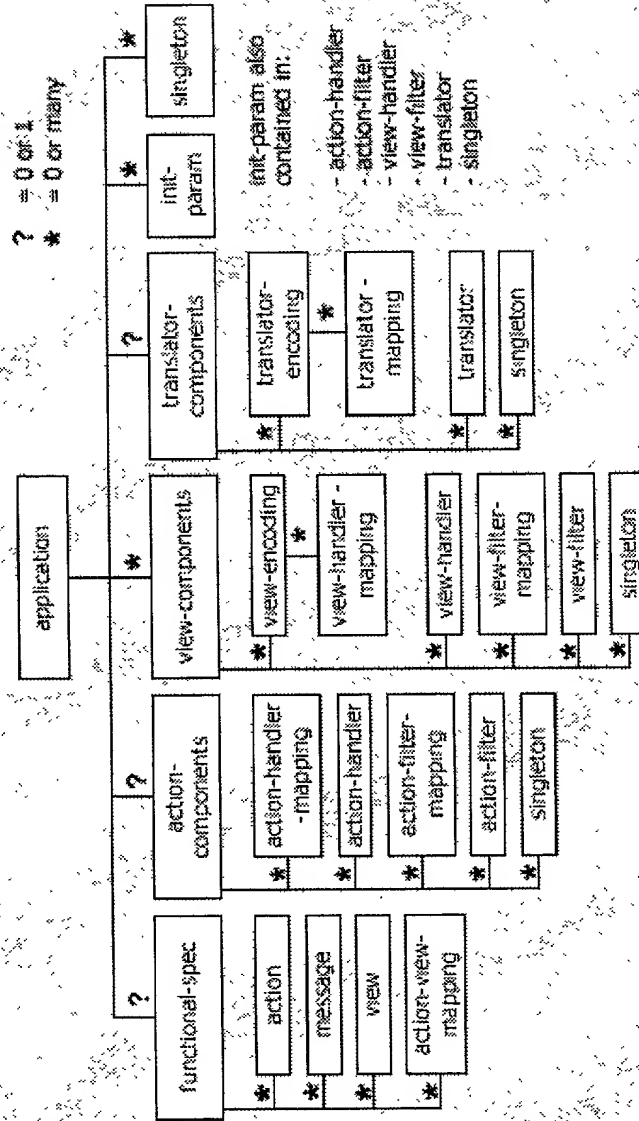


Fig. 12

casper-application.xml structure



```

<!DOCTYPE application
PUBLIC "-//ICE CASPER/DTD/config/casper-application-1.0/EN"
"http://casper.ge.com/dtd/config/casper-application-1.0.dtd">
  
```

Fig. 13

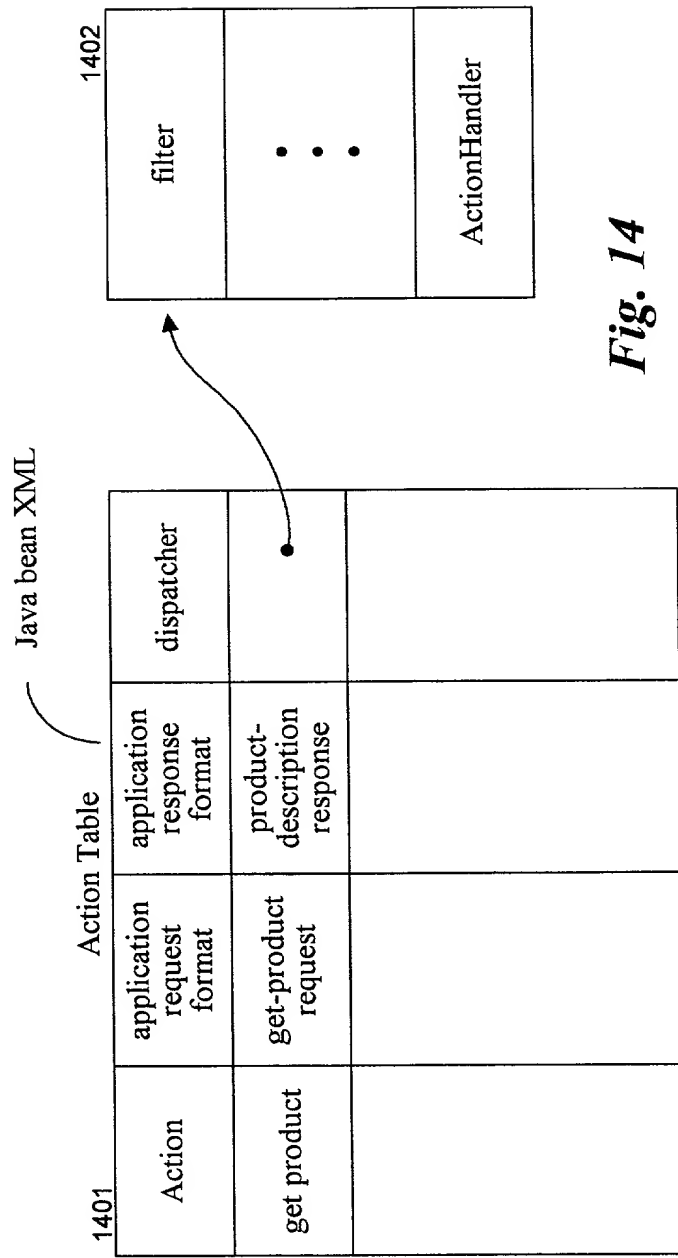


Fig. 14

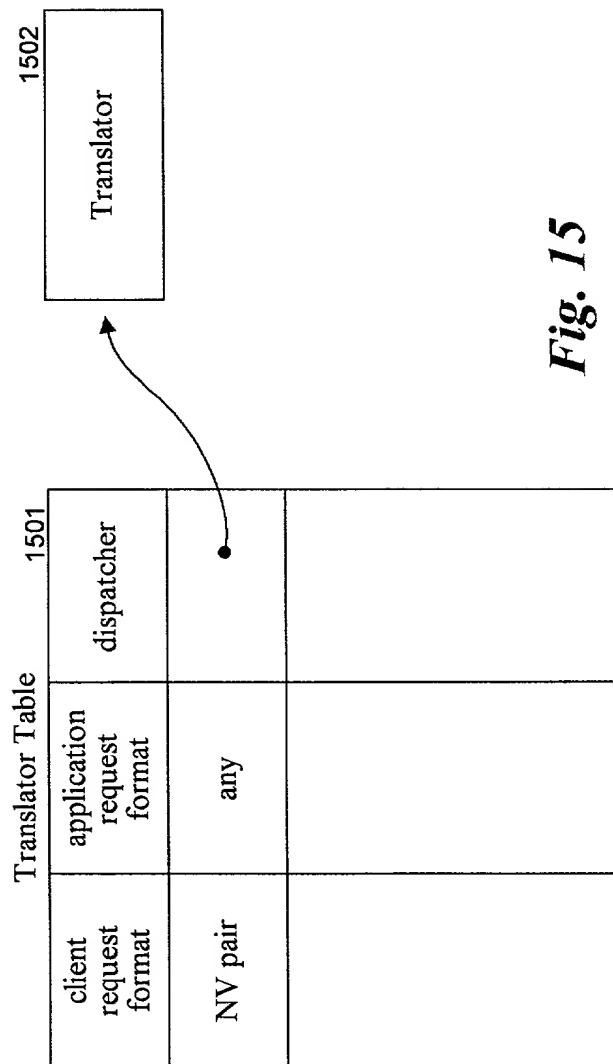


Fig. 15

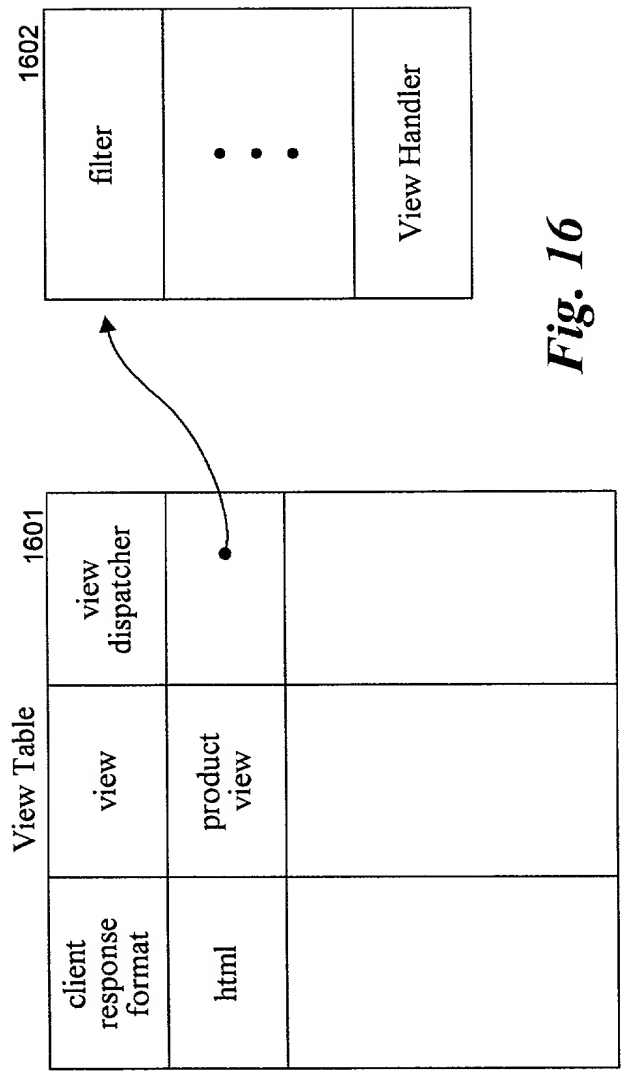


Fig. 16

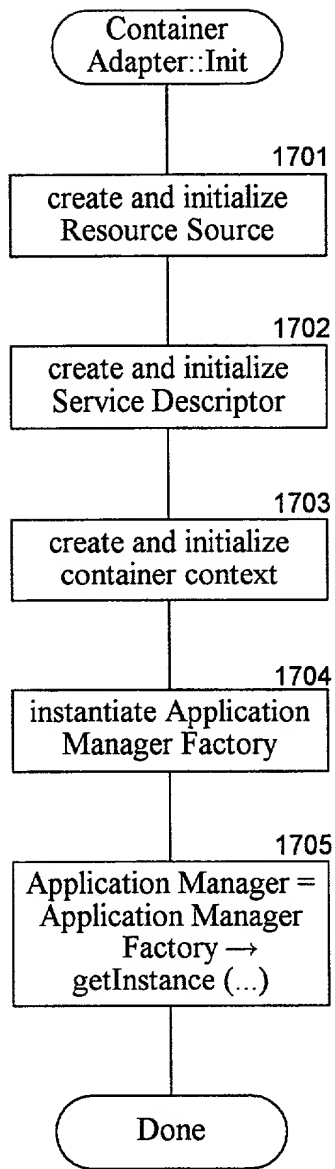


Fig. 17

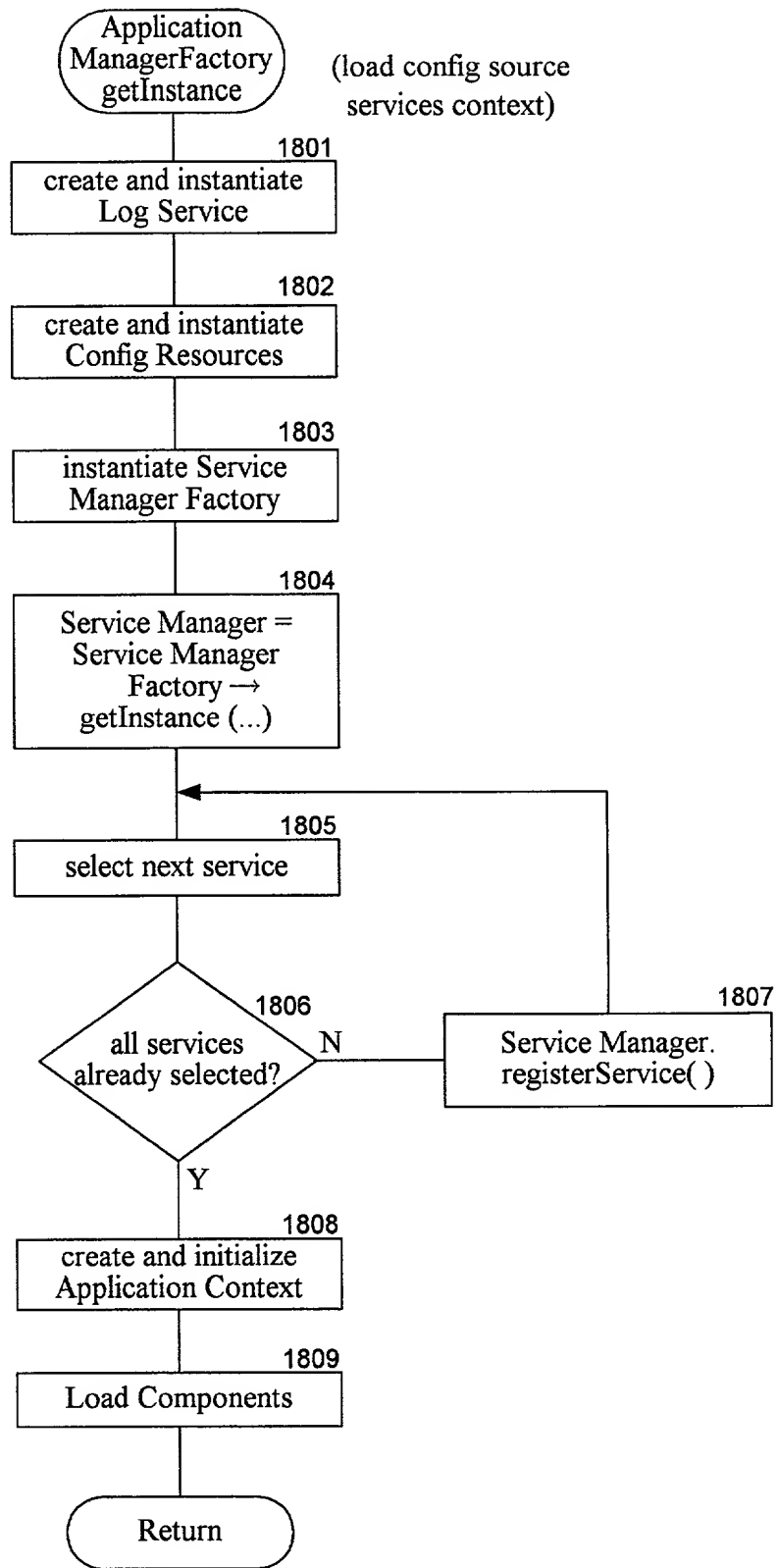


Fig. 18

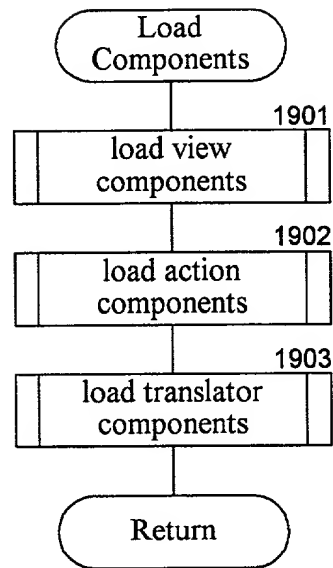


Fig. 19

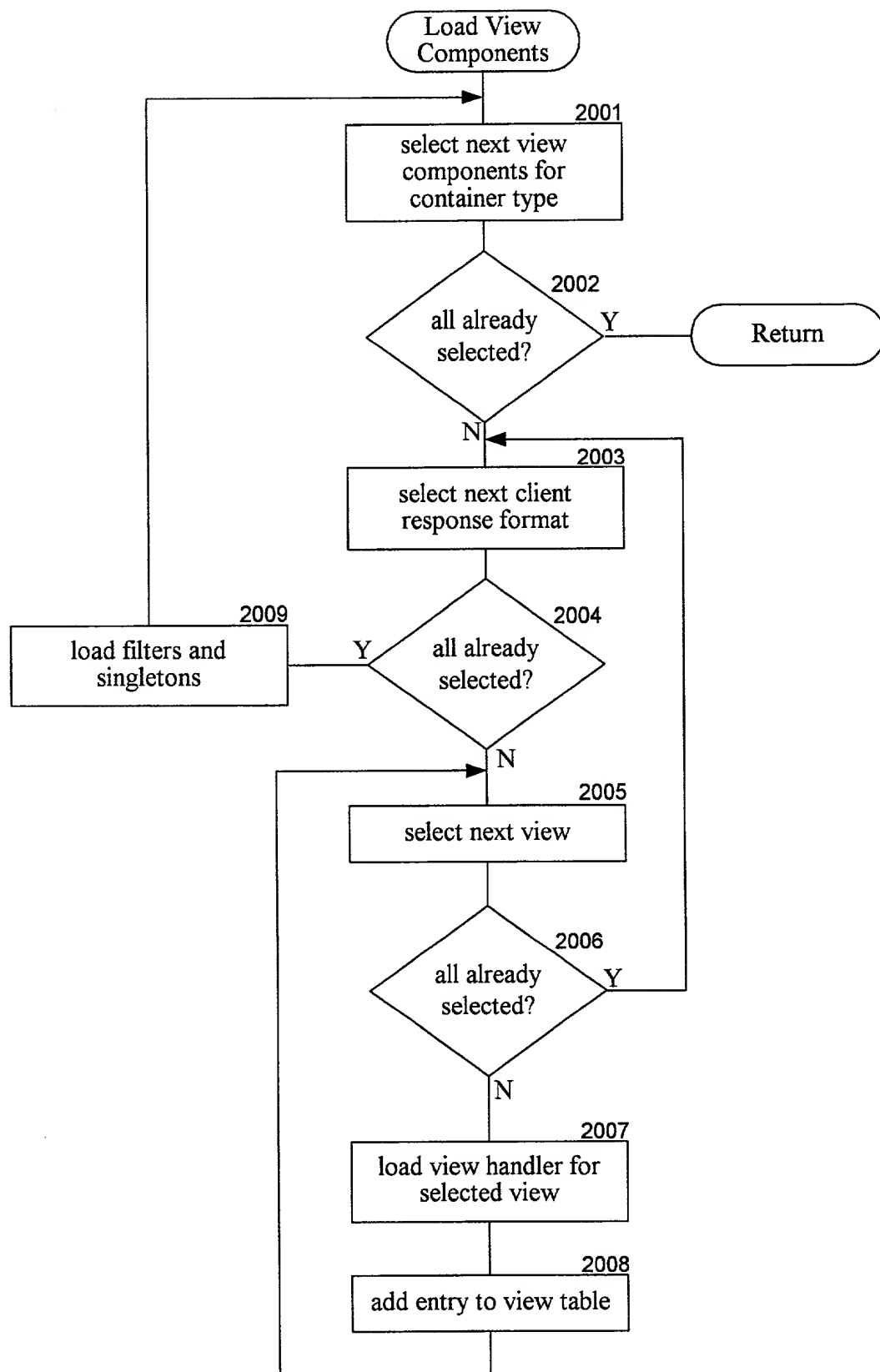


Fig. 20

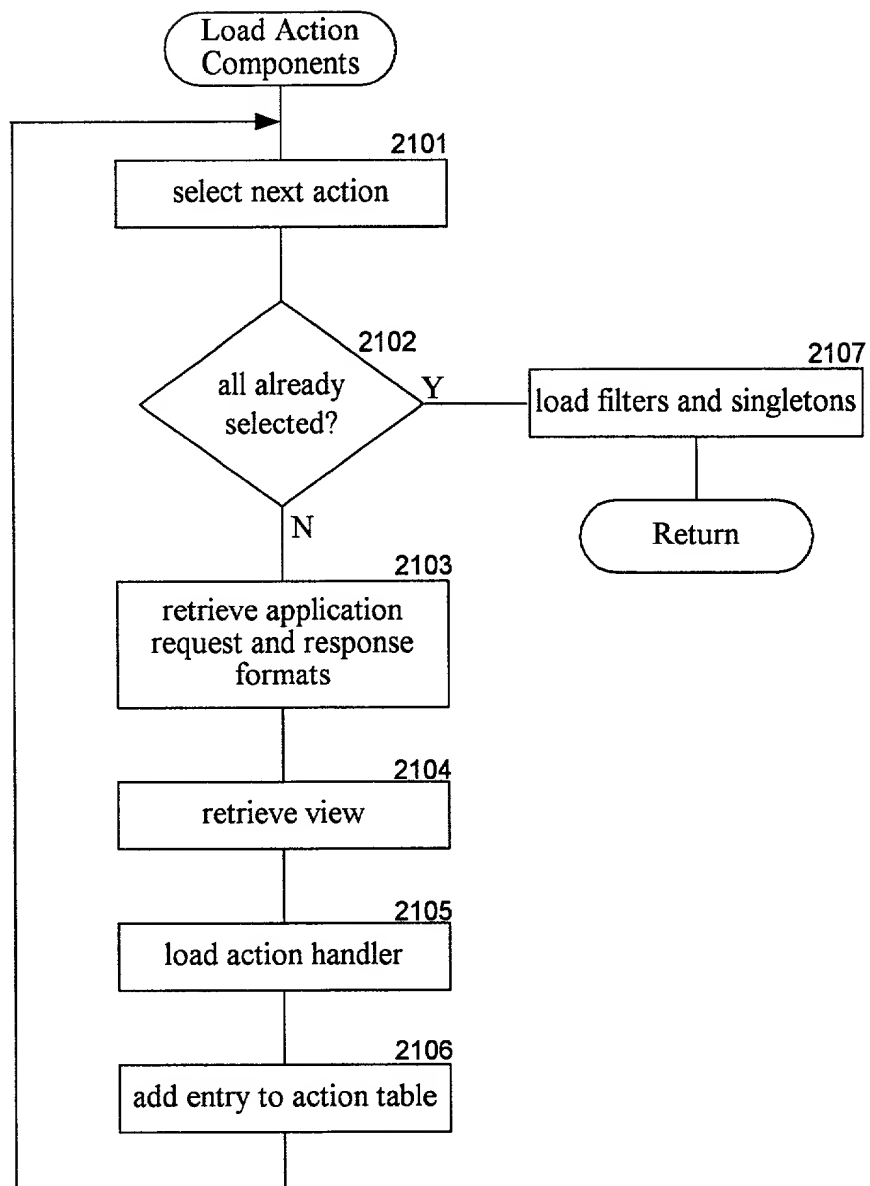


Fig. 21

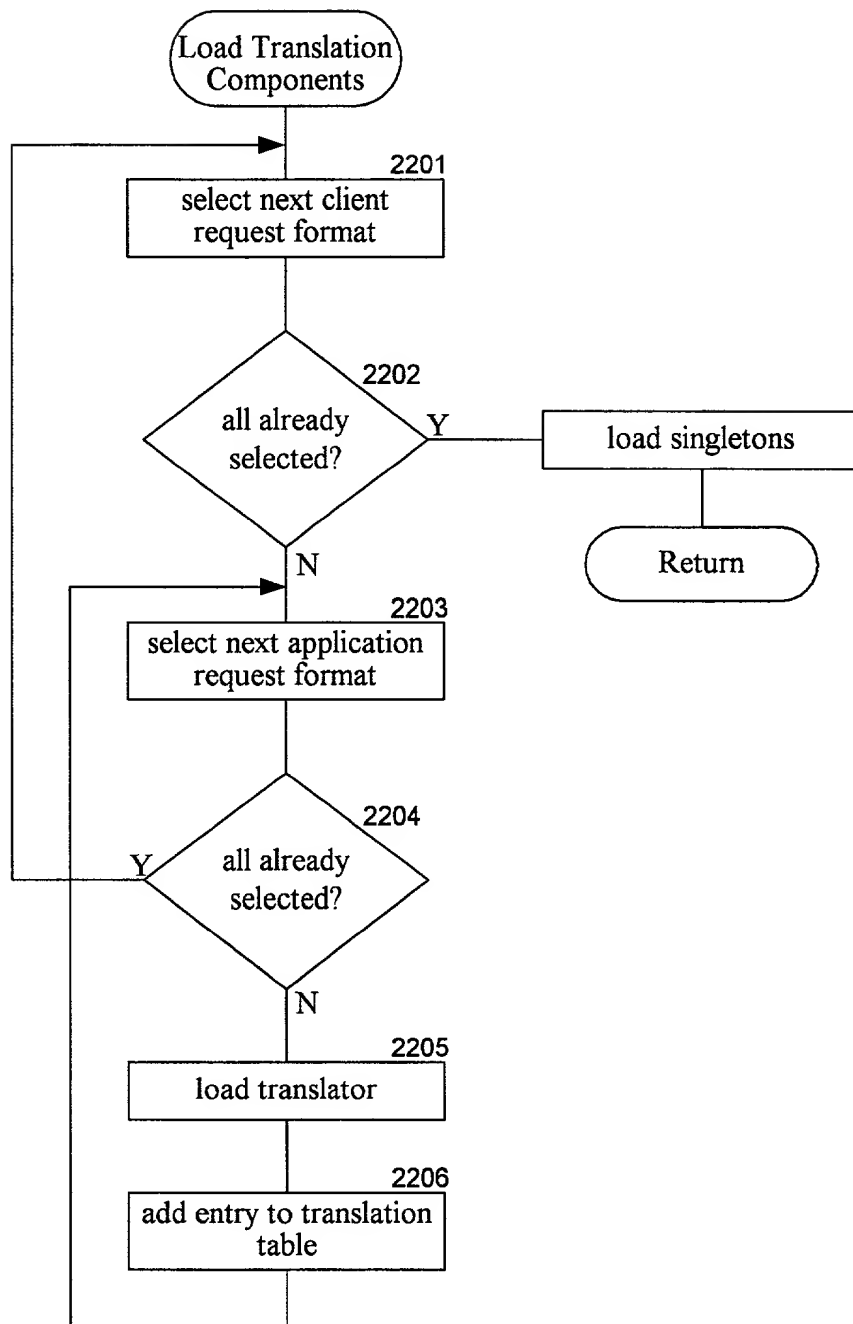


Fig. 22

Application
Manager.Service

(Container Service Order)

2301

Msg.encoding
CSO.getRequest
Properties().
getMessageEncoding()

2302

action = CSO.
getServiceAddress().
getOperation()

2303

identify Translator

2304

instantiate and initialize
Action Request

2305

identify Action
Dispatcher

2306

dispatch (Action
Request, Action
Response)

2307

instantiate and initialize
View Request

2308

identify View
Dispatcher

2309

dispatch (view Request
and Response Channel
Container Request
Context

Done

Fig. 23

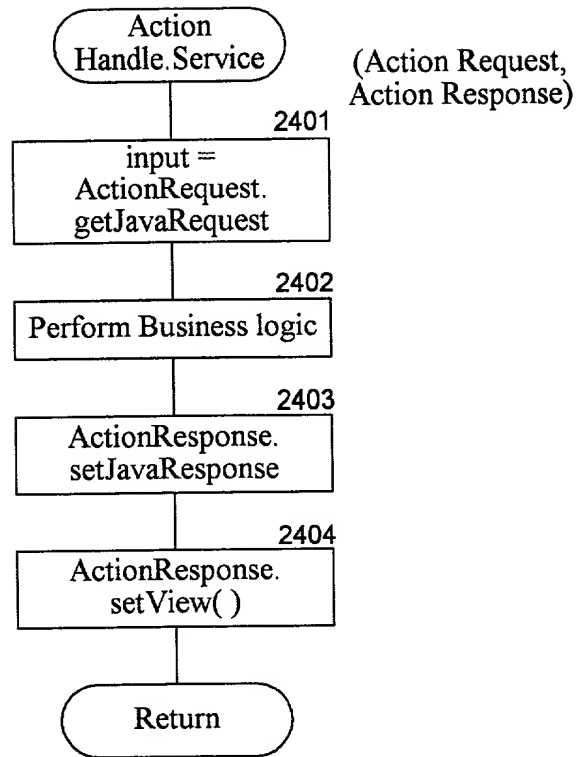


Fig. 24

Service Framework Overview

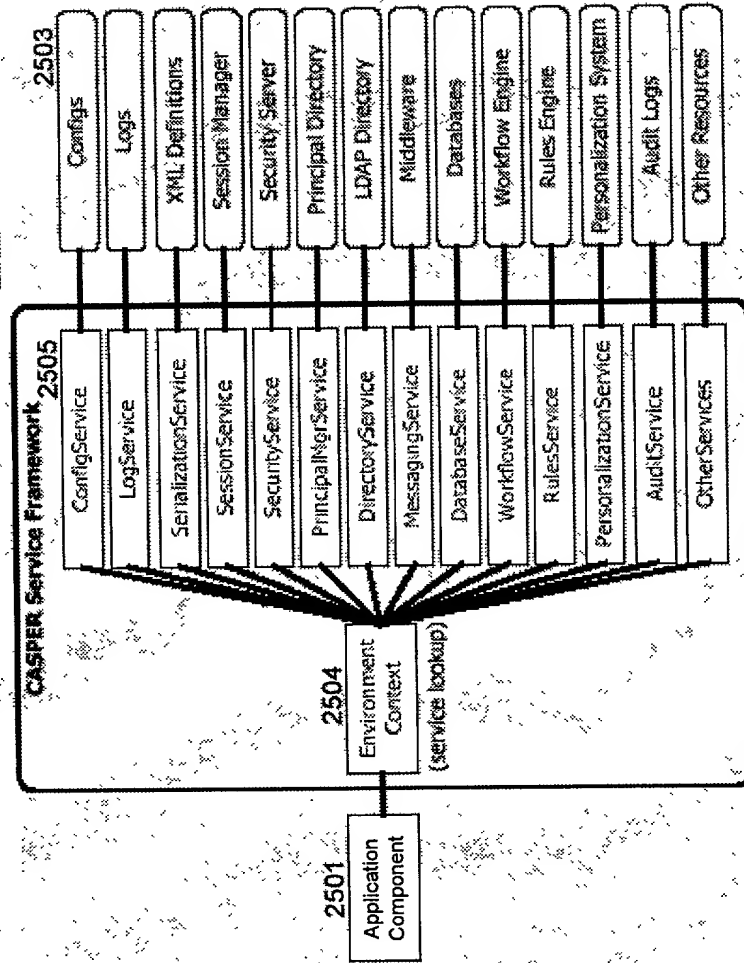


Fig. 25

Service Framework Configuration

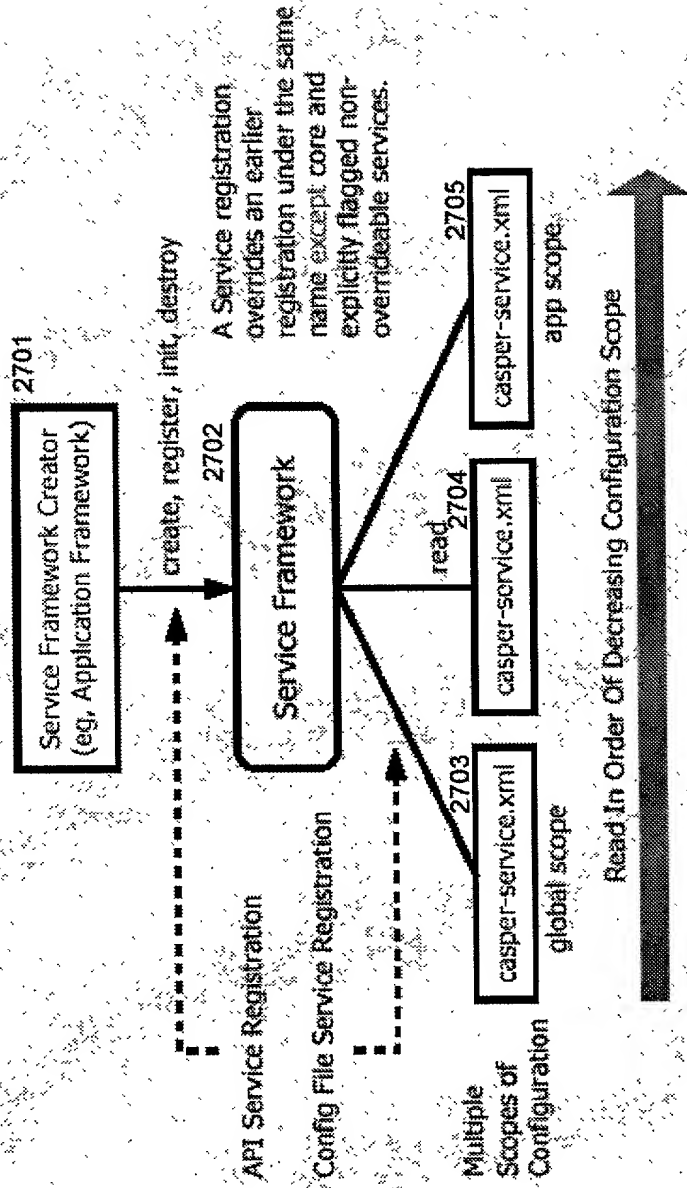


Fig. 27

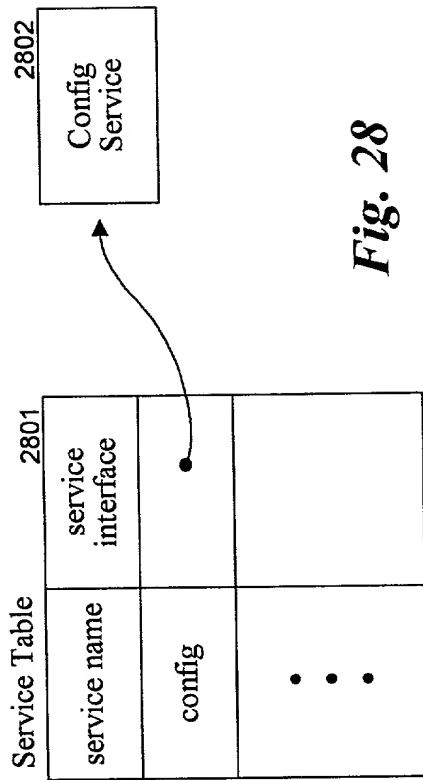


Fig. 28

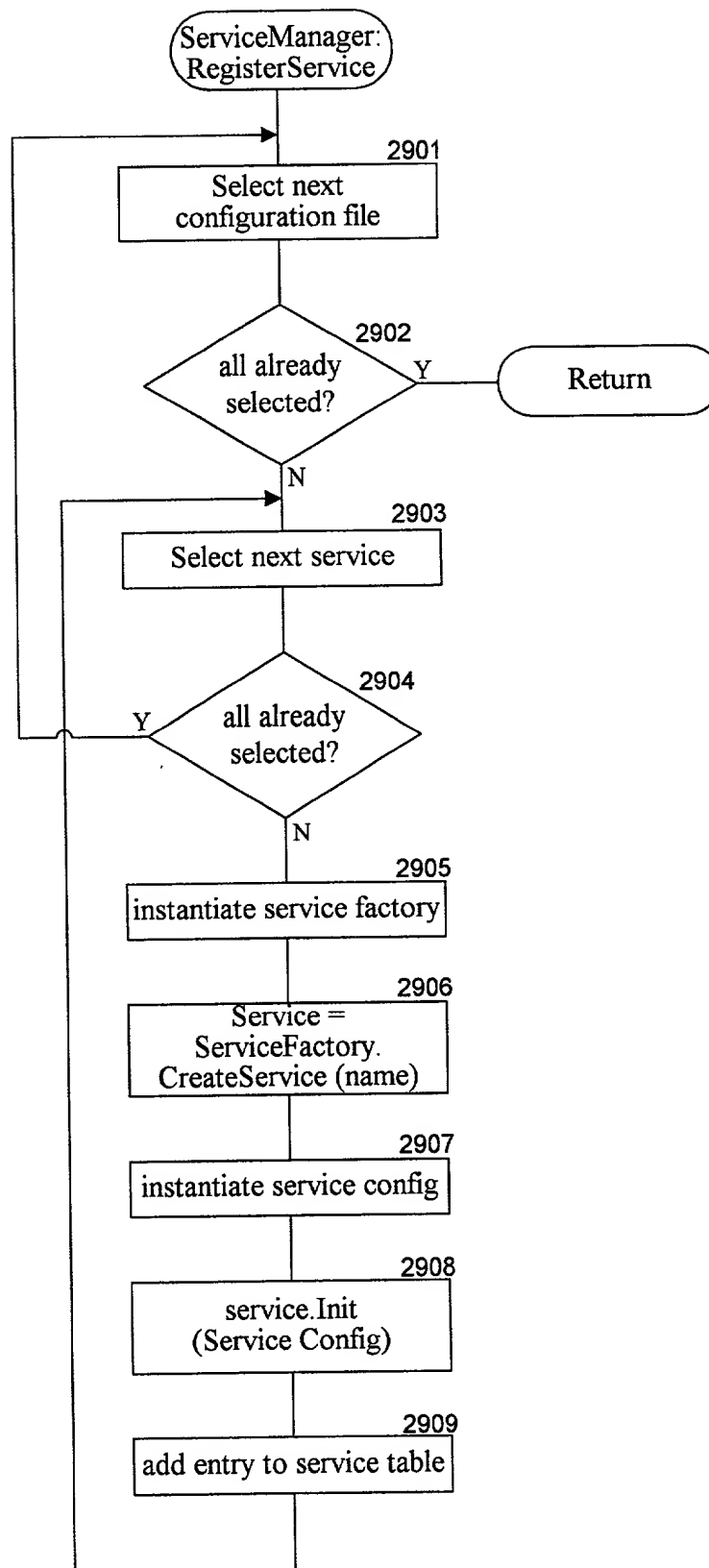


Fig. 29

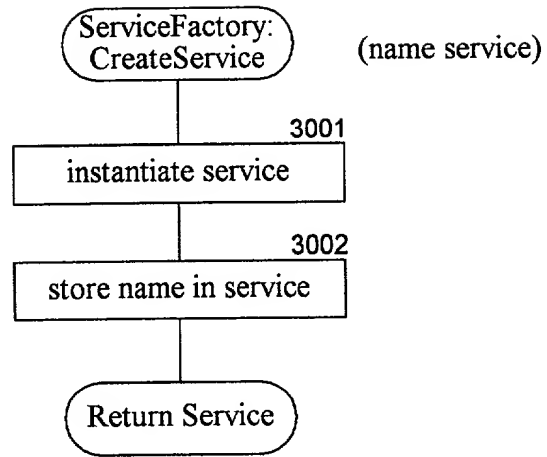


Fig. 30

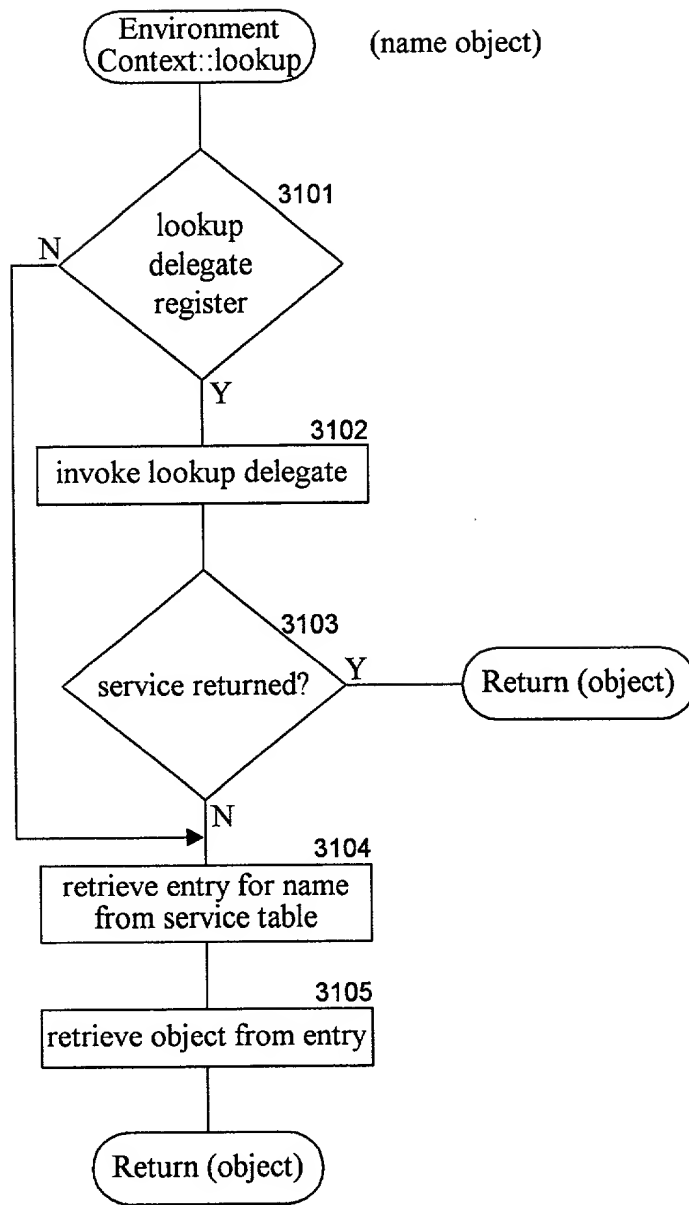
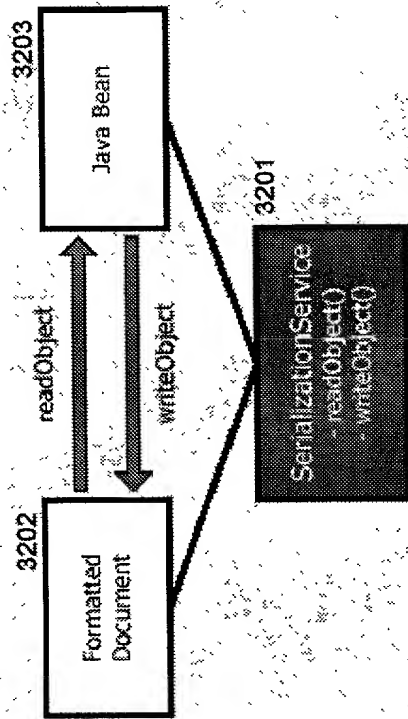


Fig. 31

Serialization Service



A **SerializationService** is responsible for transforming and validating formatted documents to and from JavaBean objects

Fig. 32

Configuration Definition with SFO SML Tools

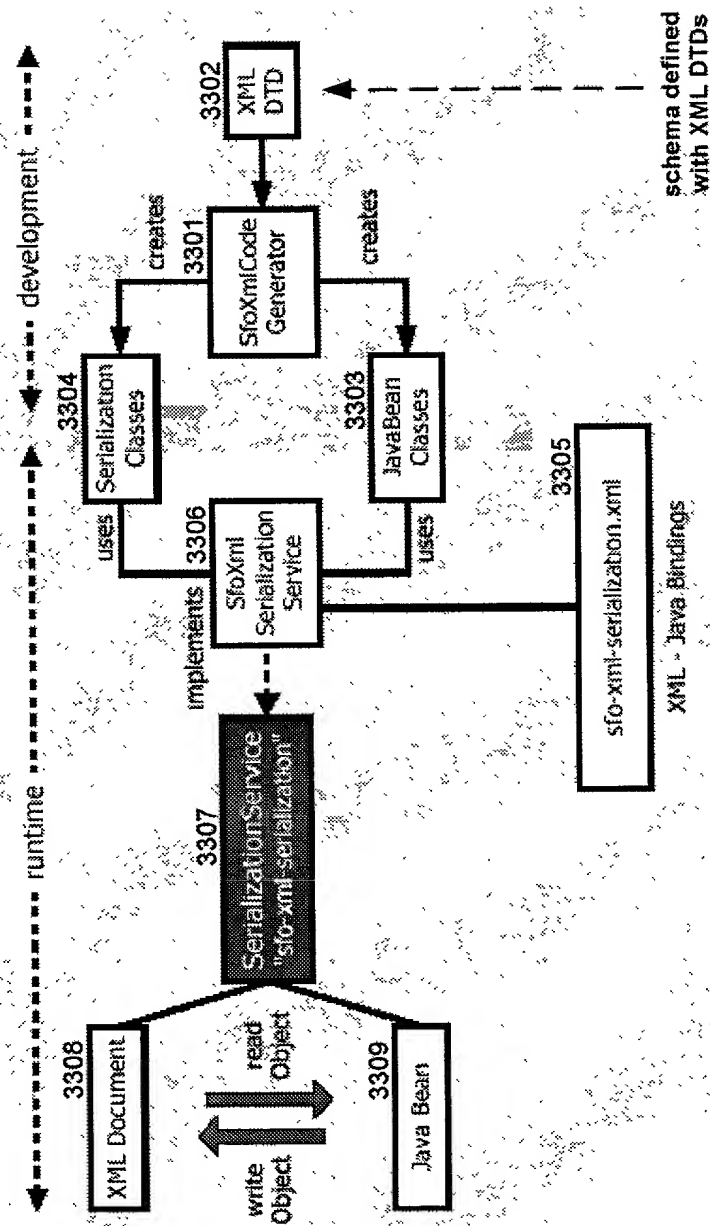


Fig. 33

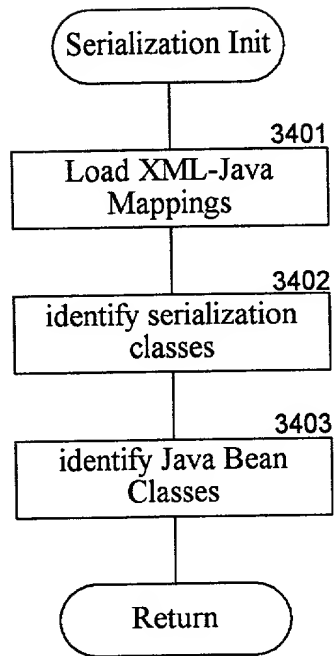


Fig. 34

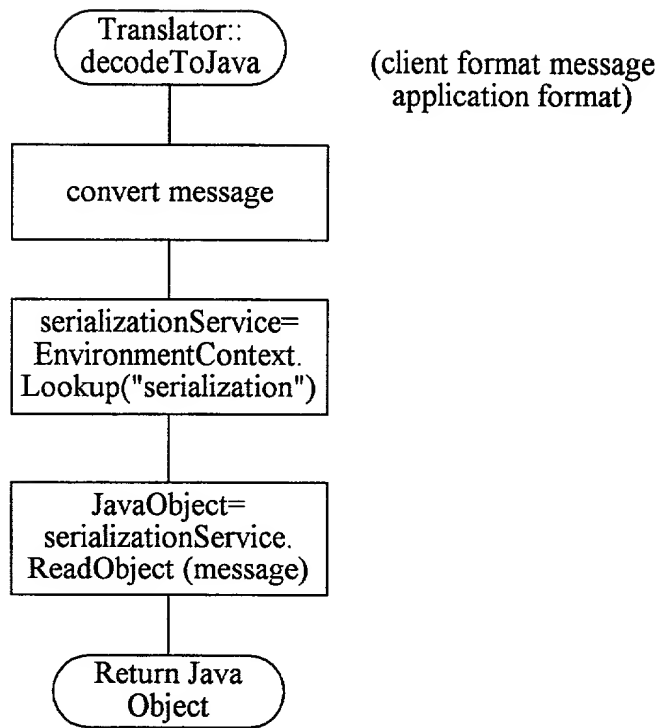


Fig. 35

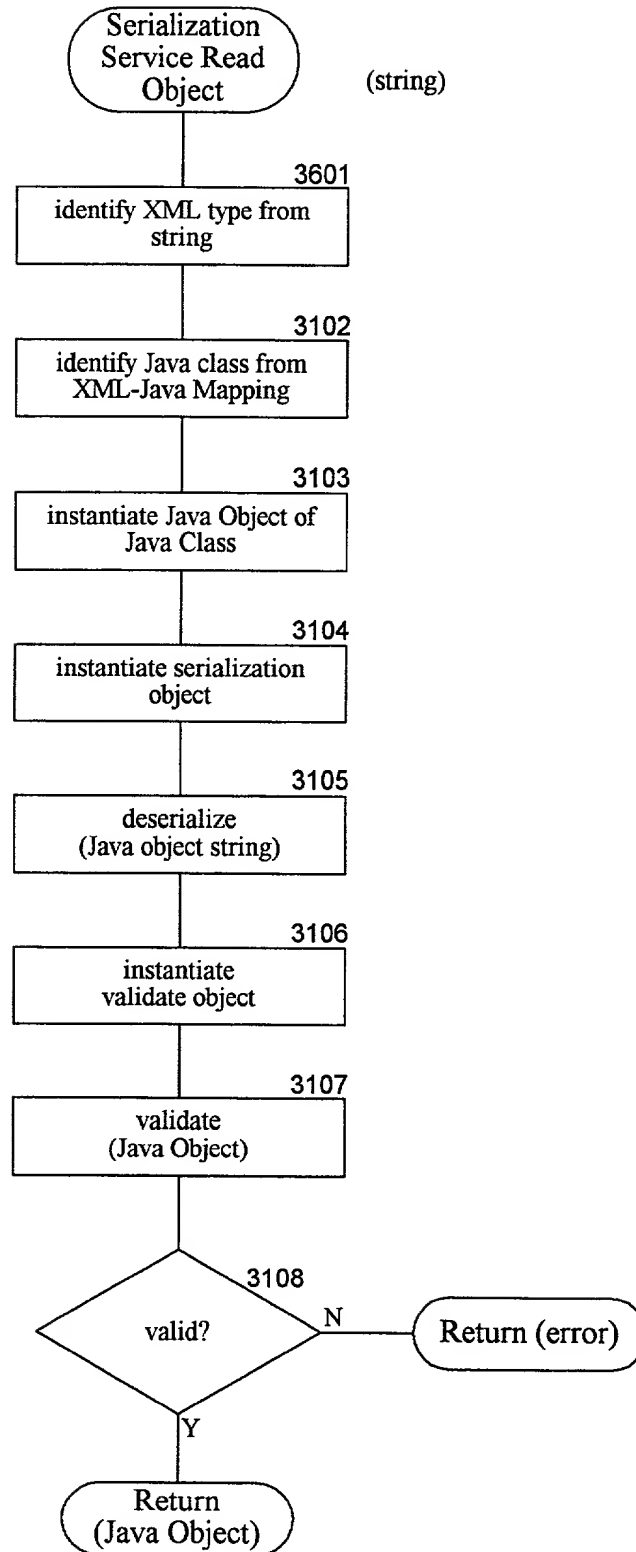


Fig. 36

Configuration Service

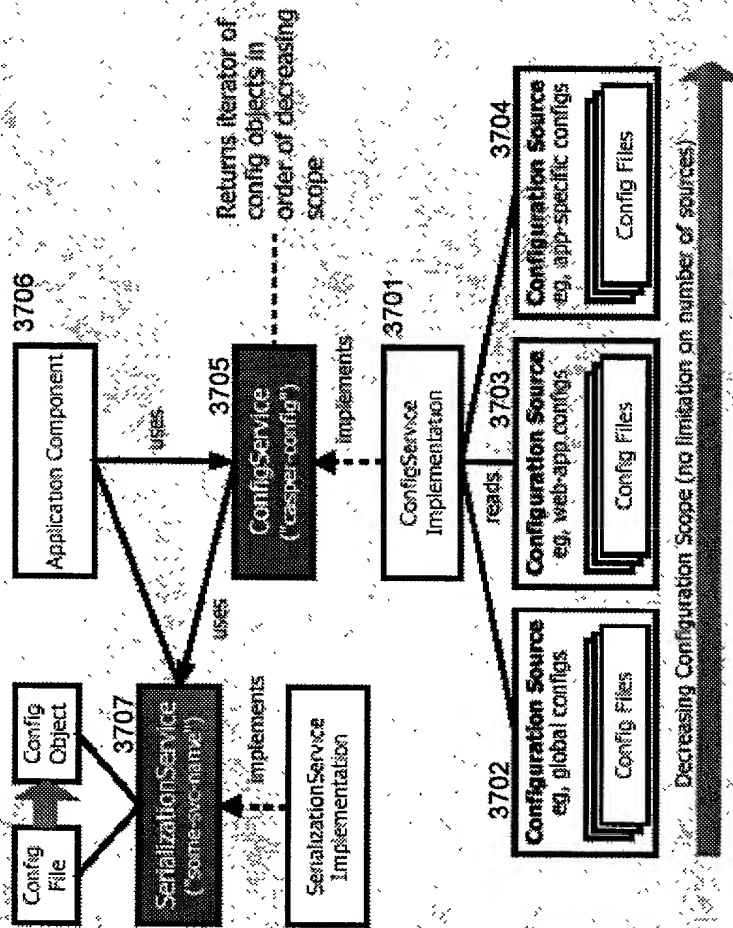


Fig. 37

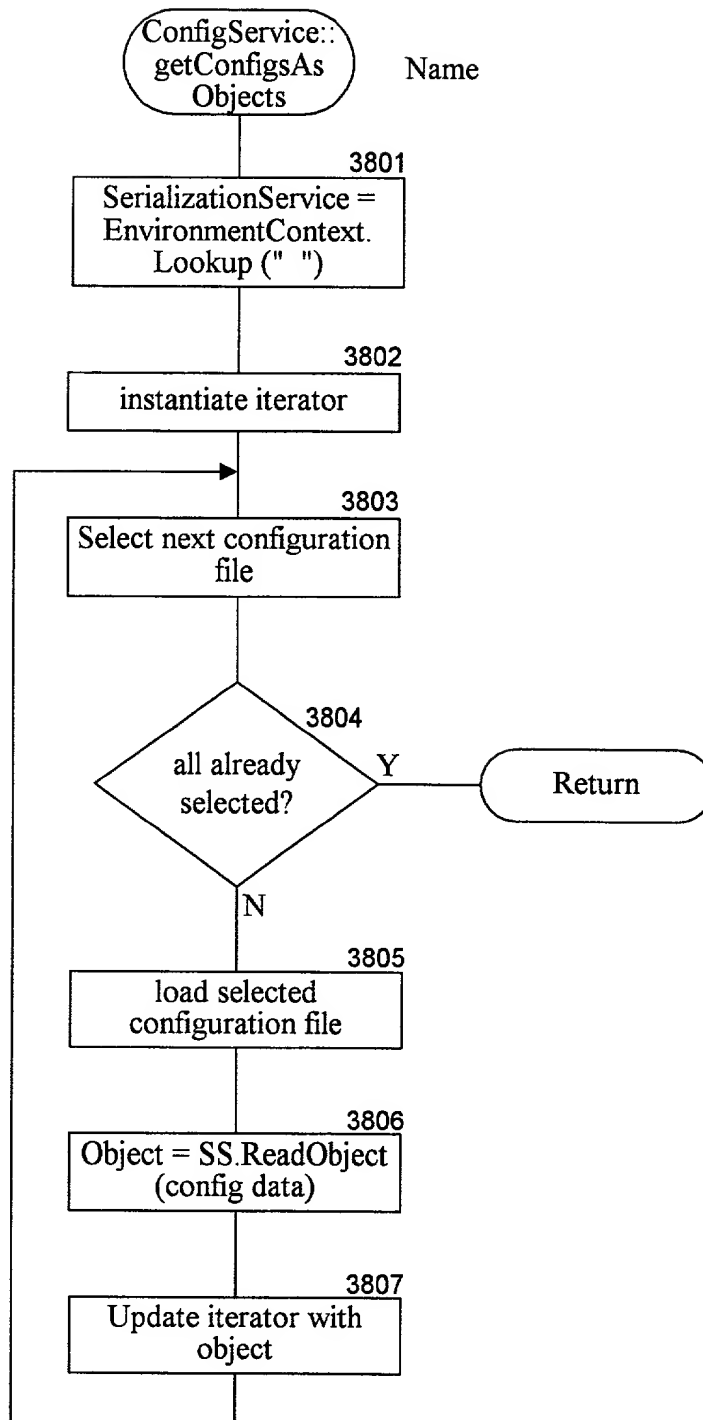
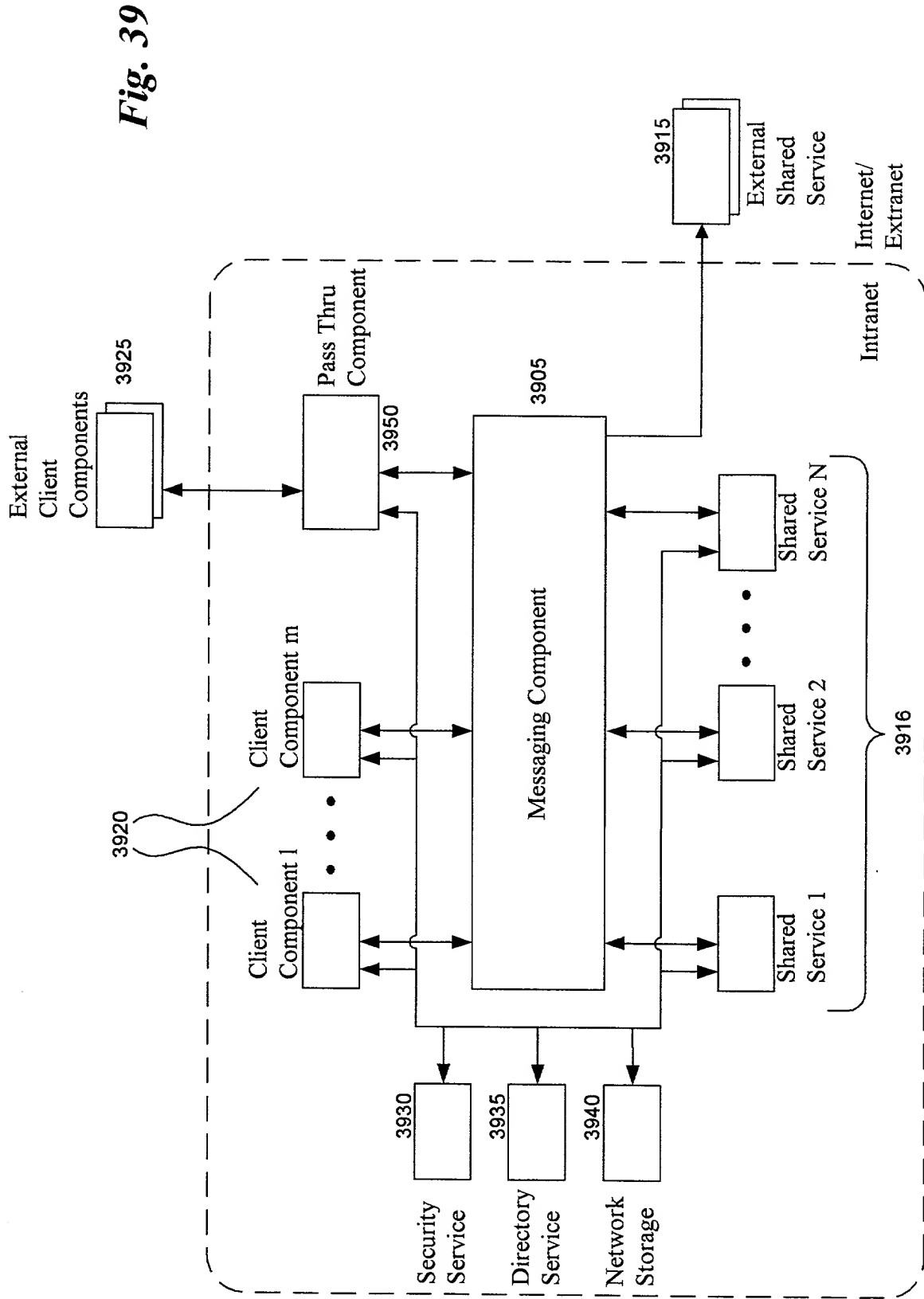


Fig. 38



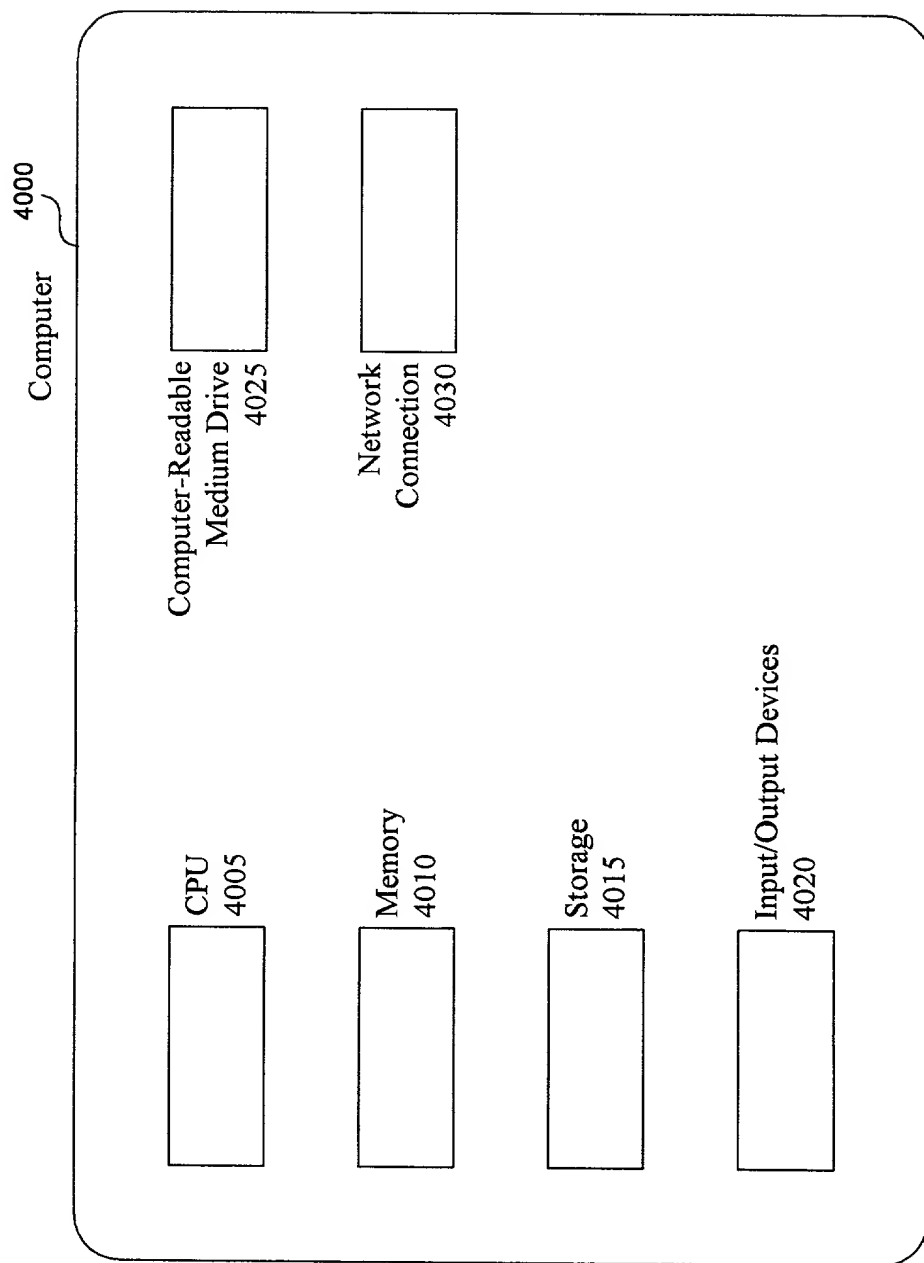
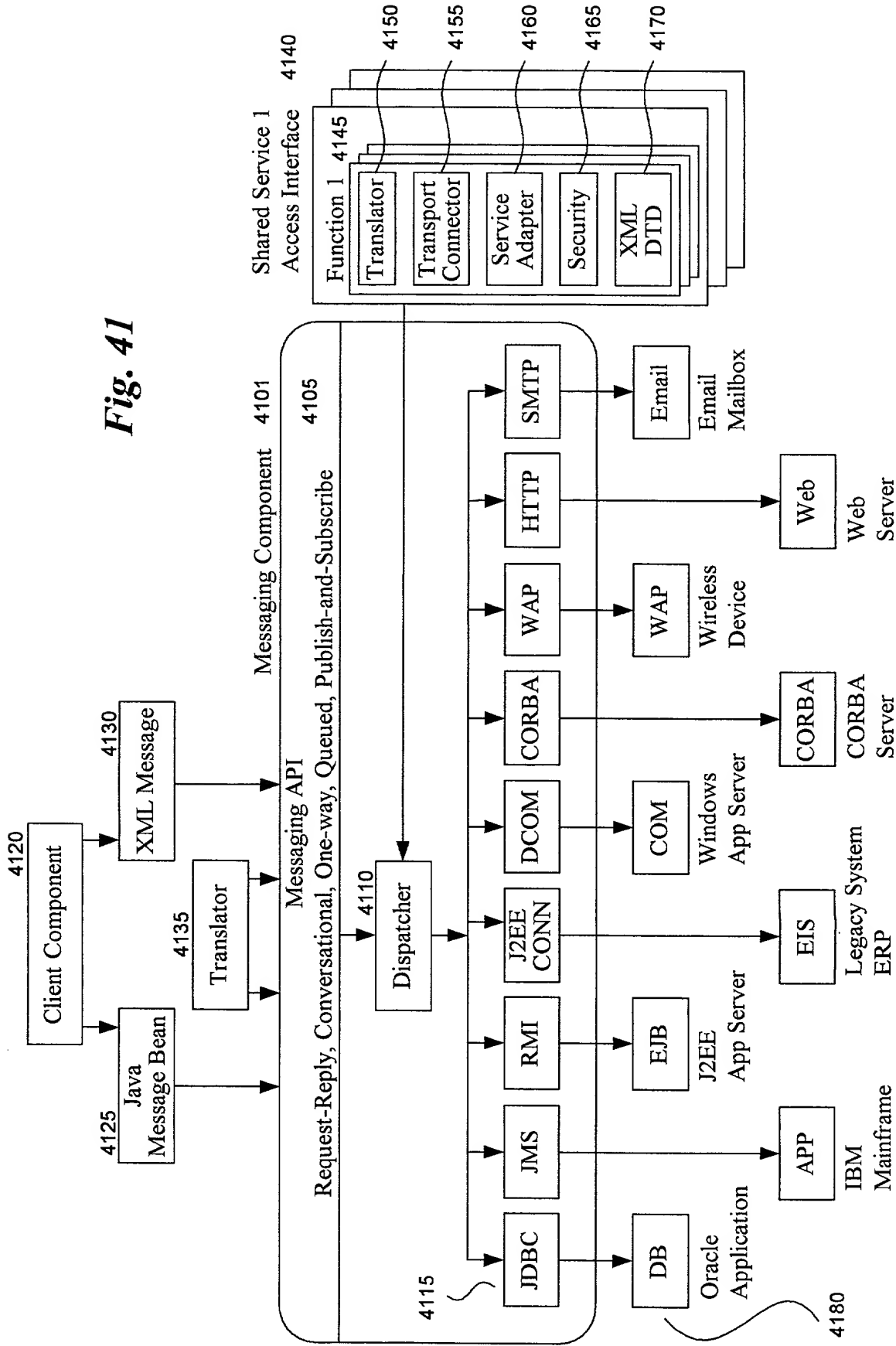


Fig. 40



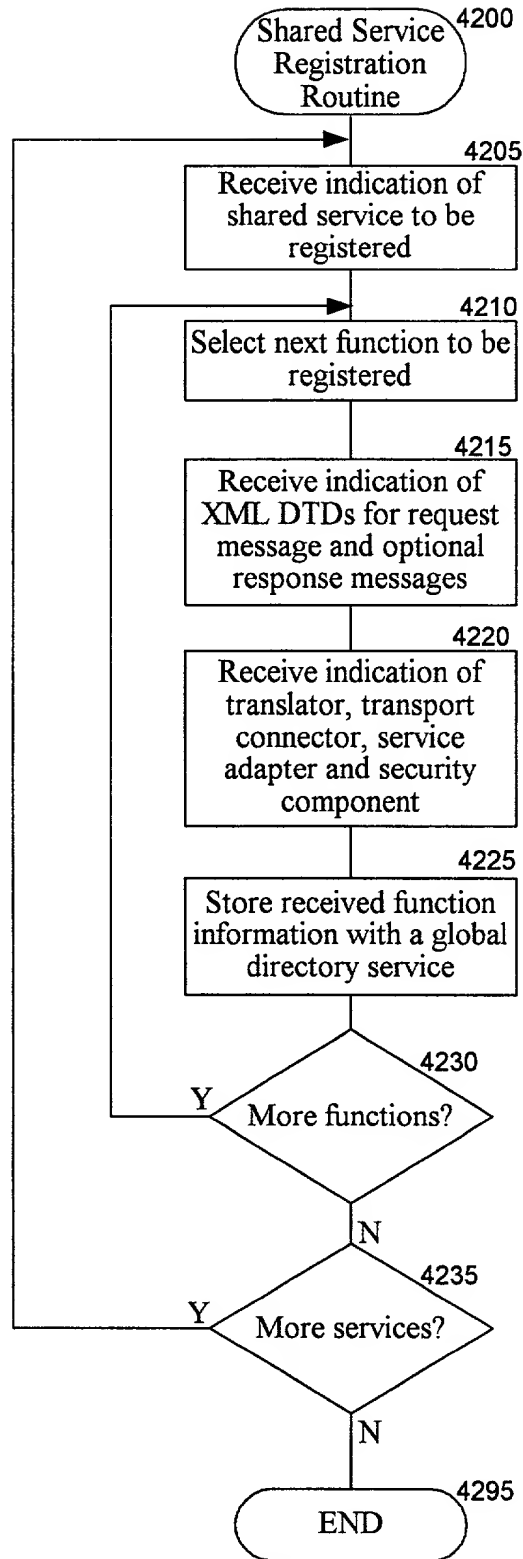


Fig. 42

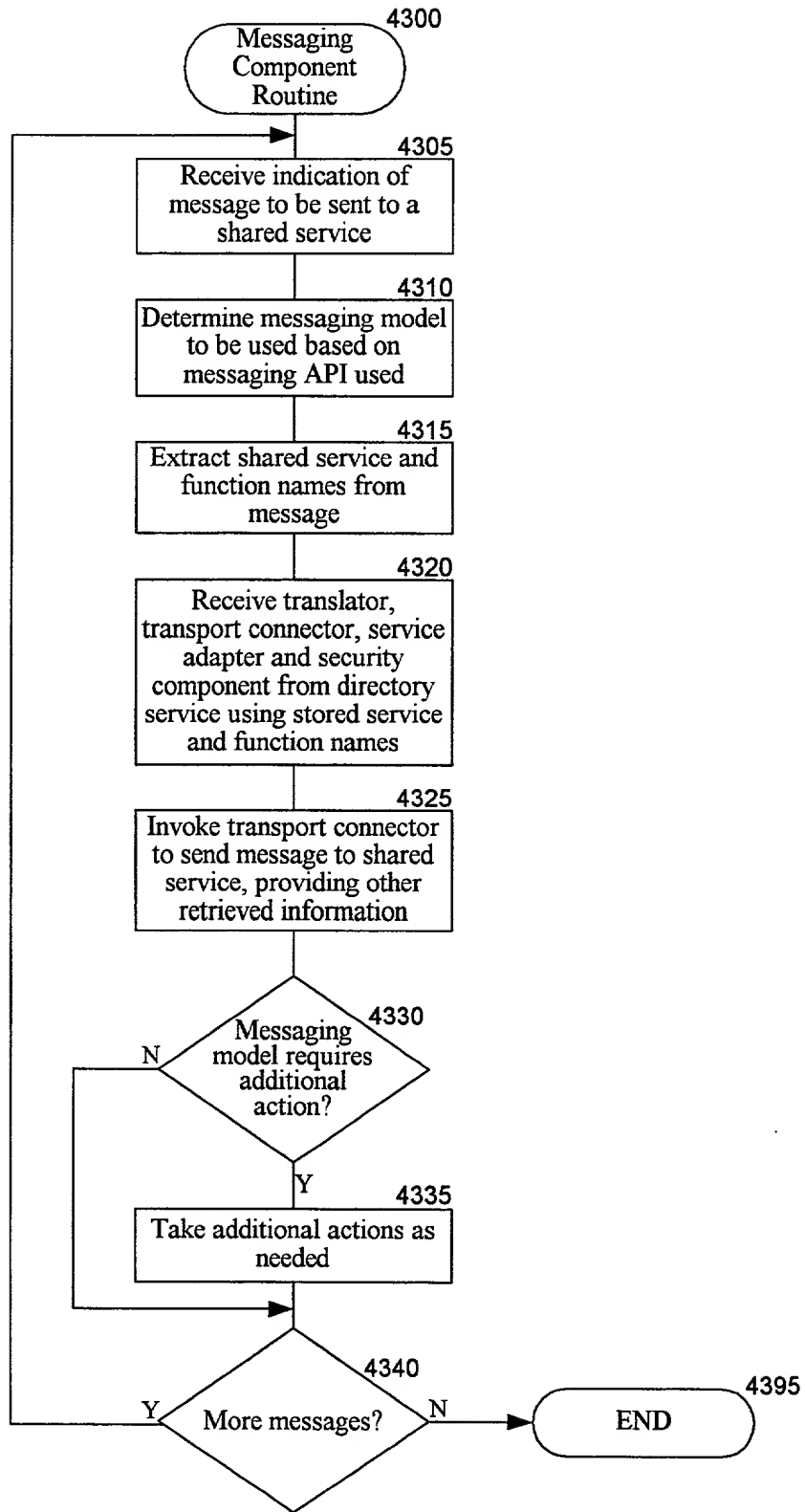


Fig. 43

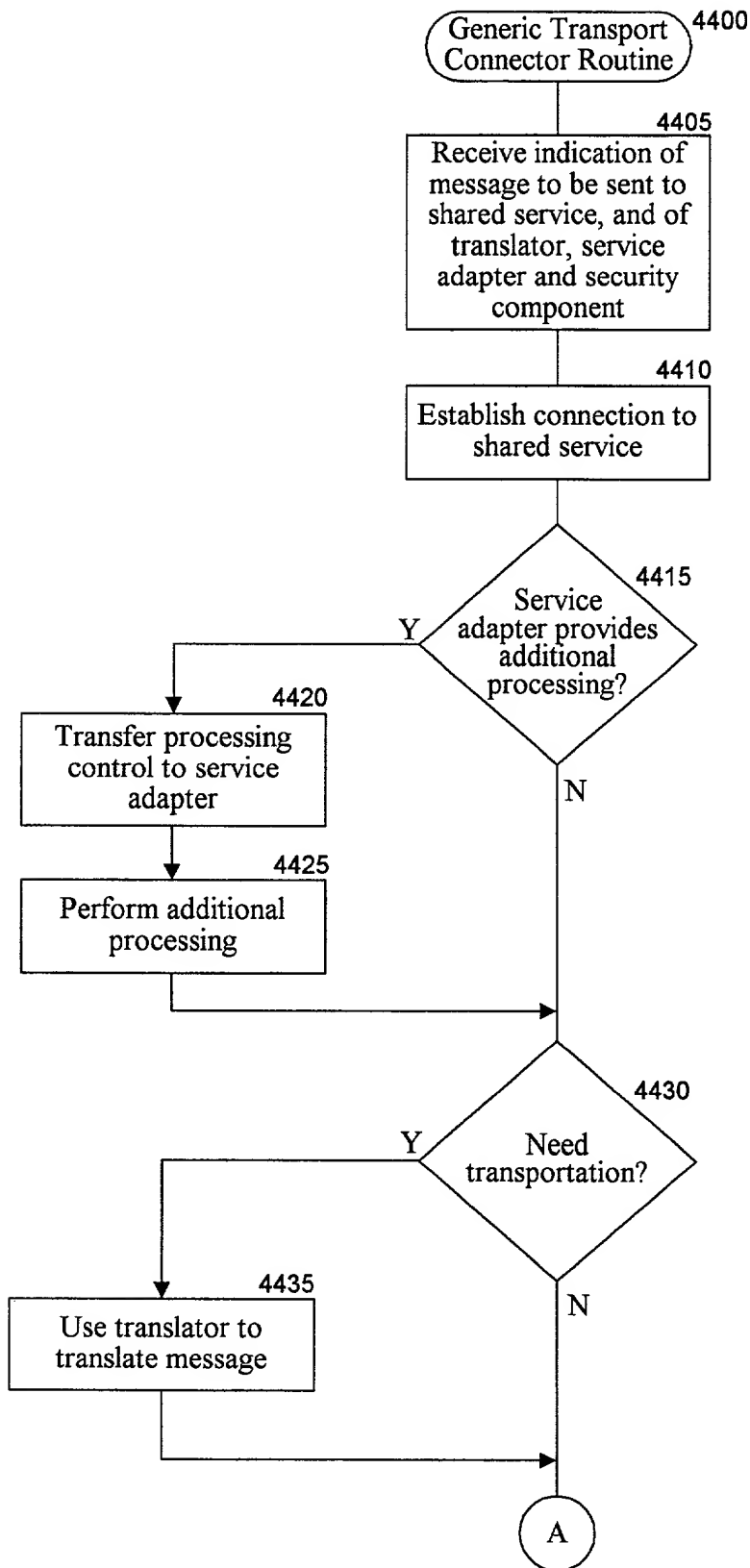


Fig. 44A

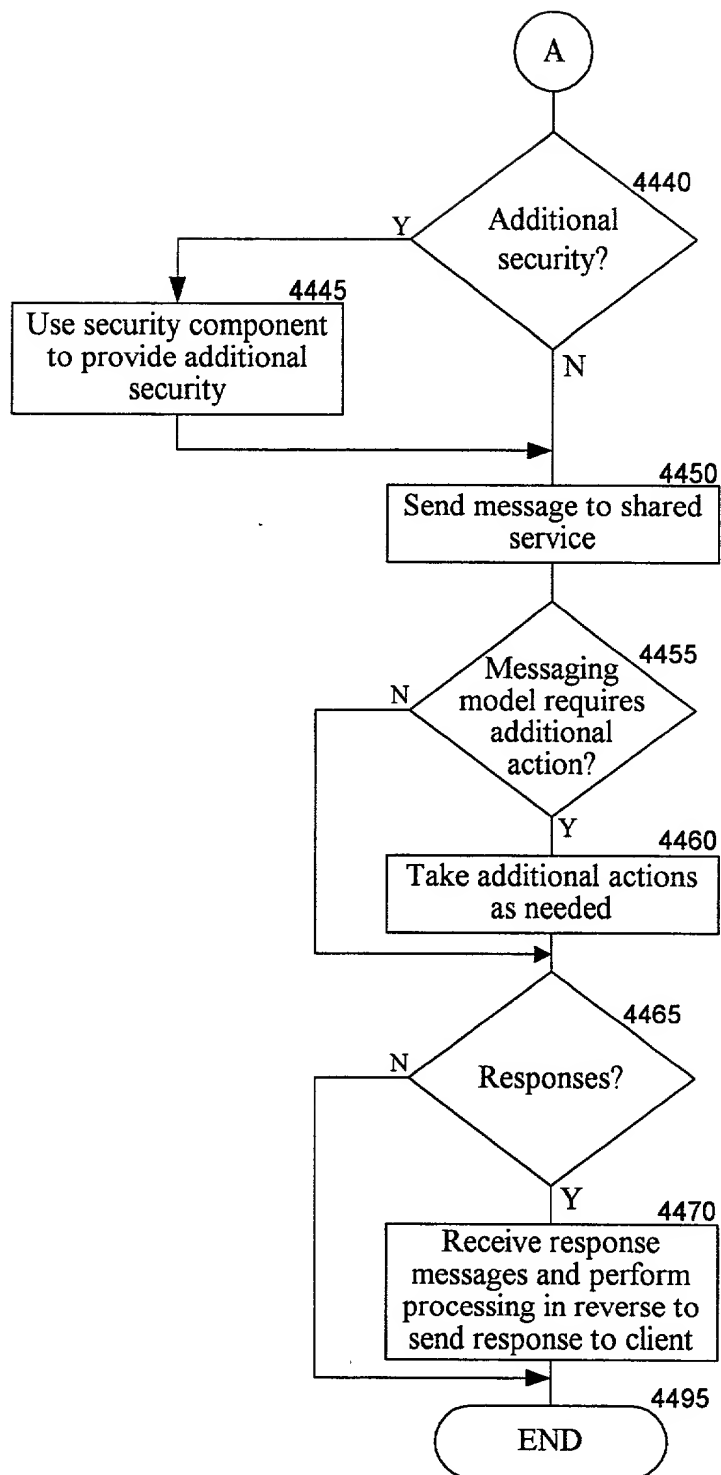


Fig. 44B

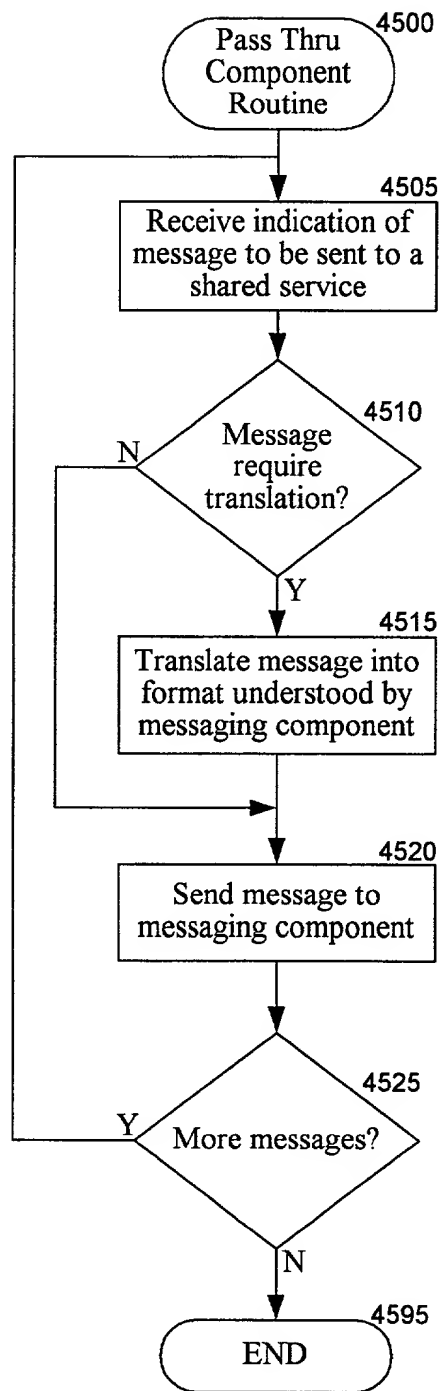


Fig. 45

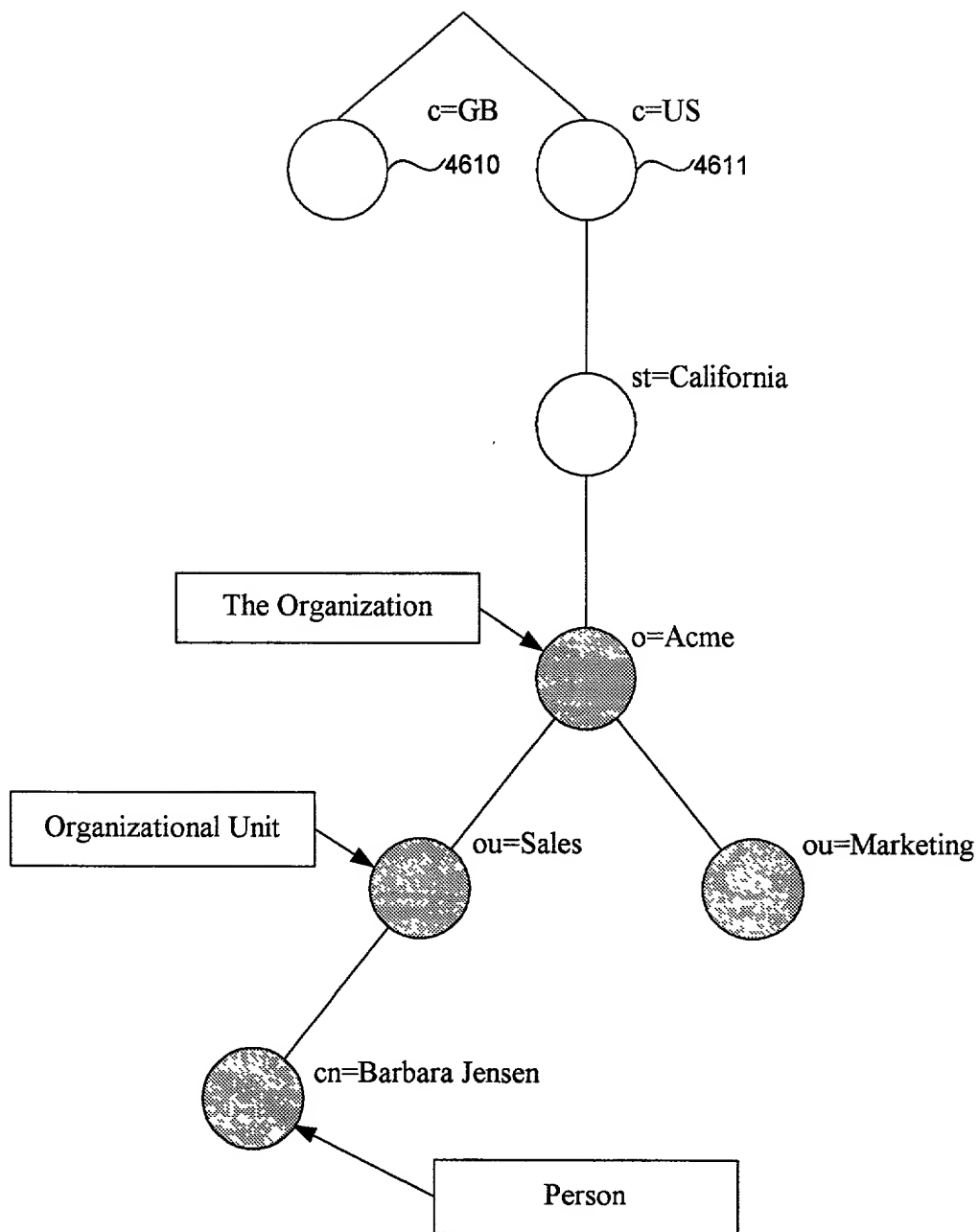


Fig. 46A

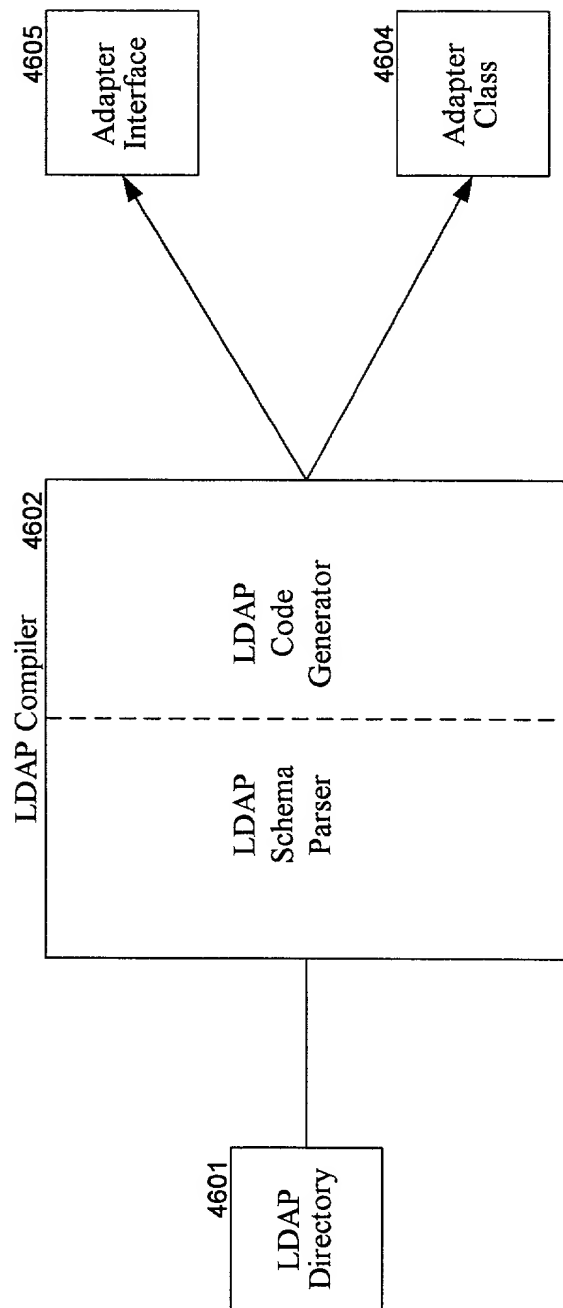


Fig. 46B

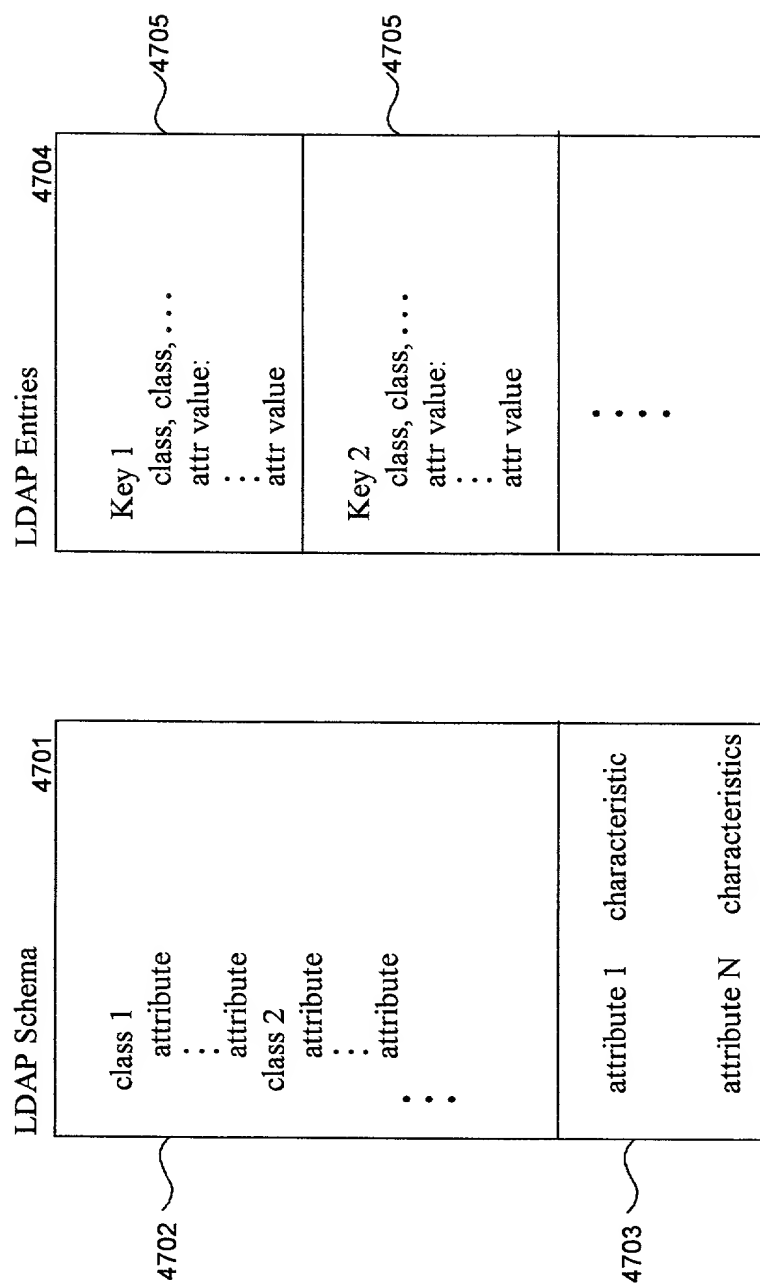


Fig. 47

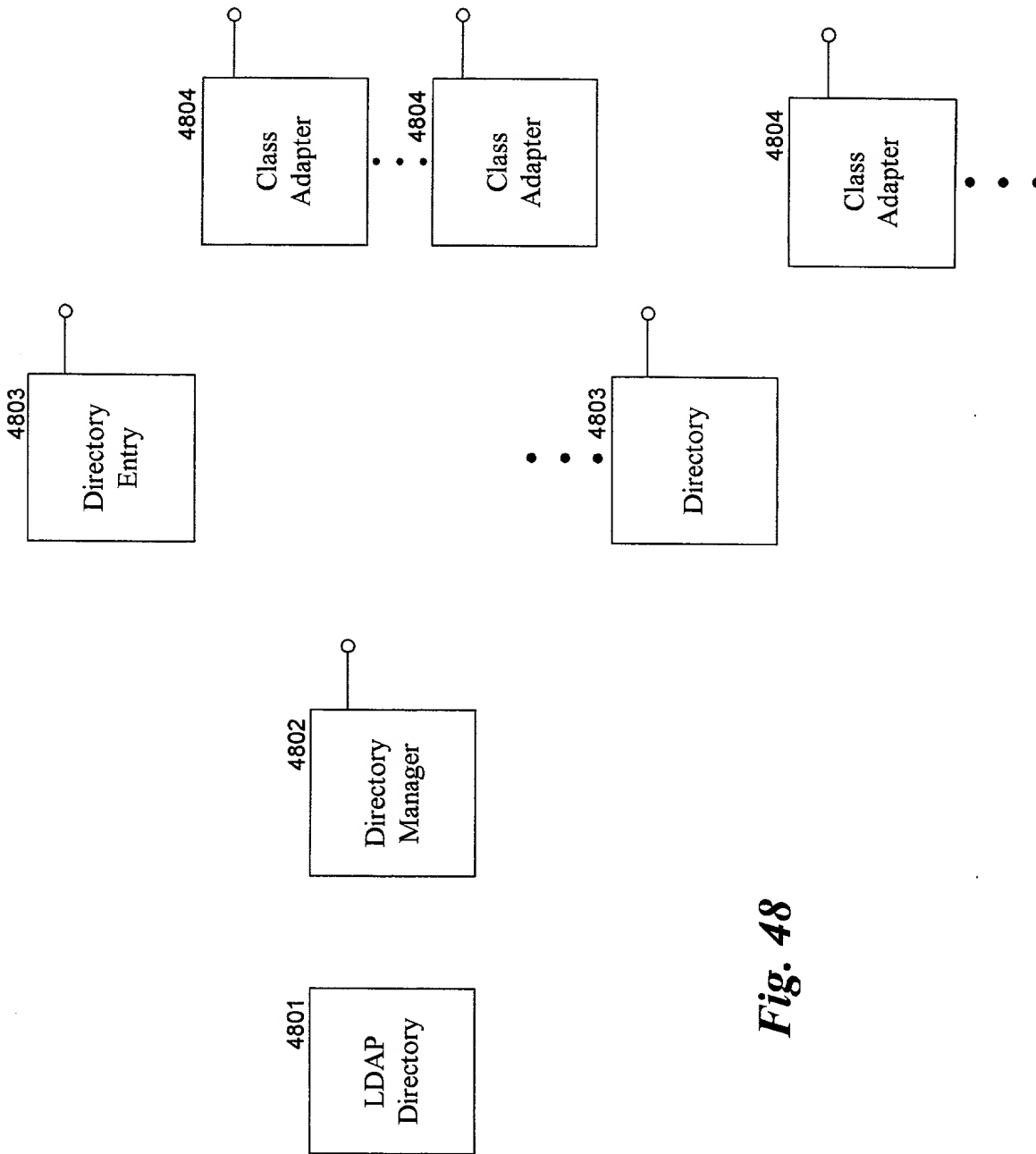


Fig. 48

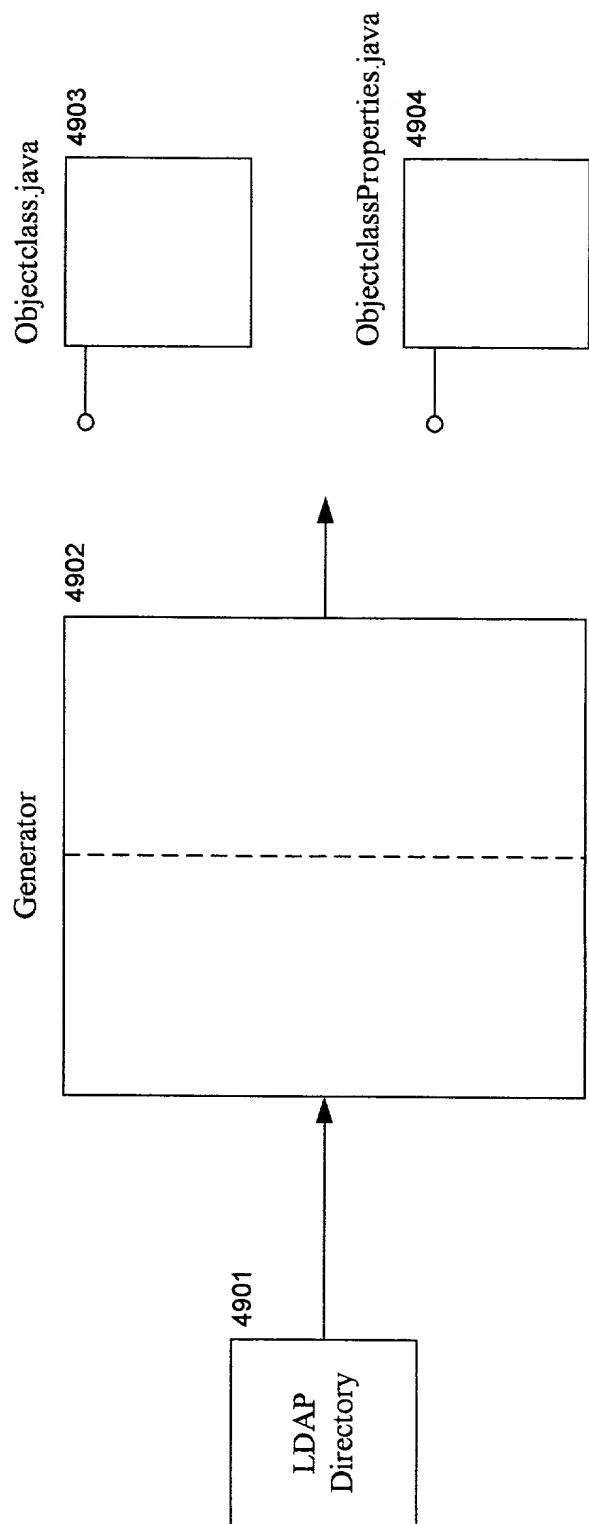


Fig. 49

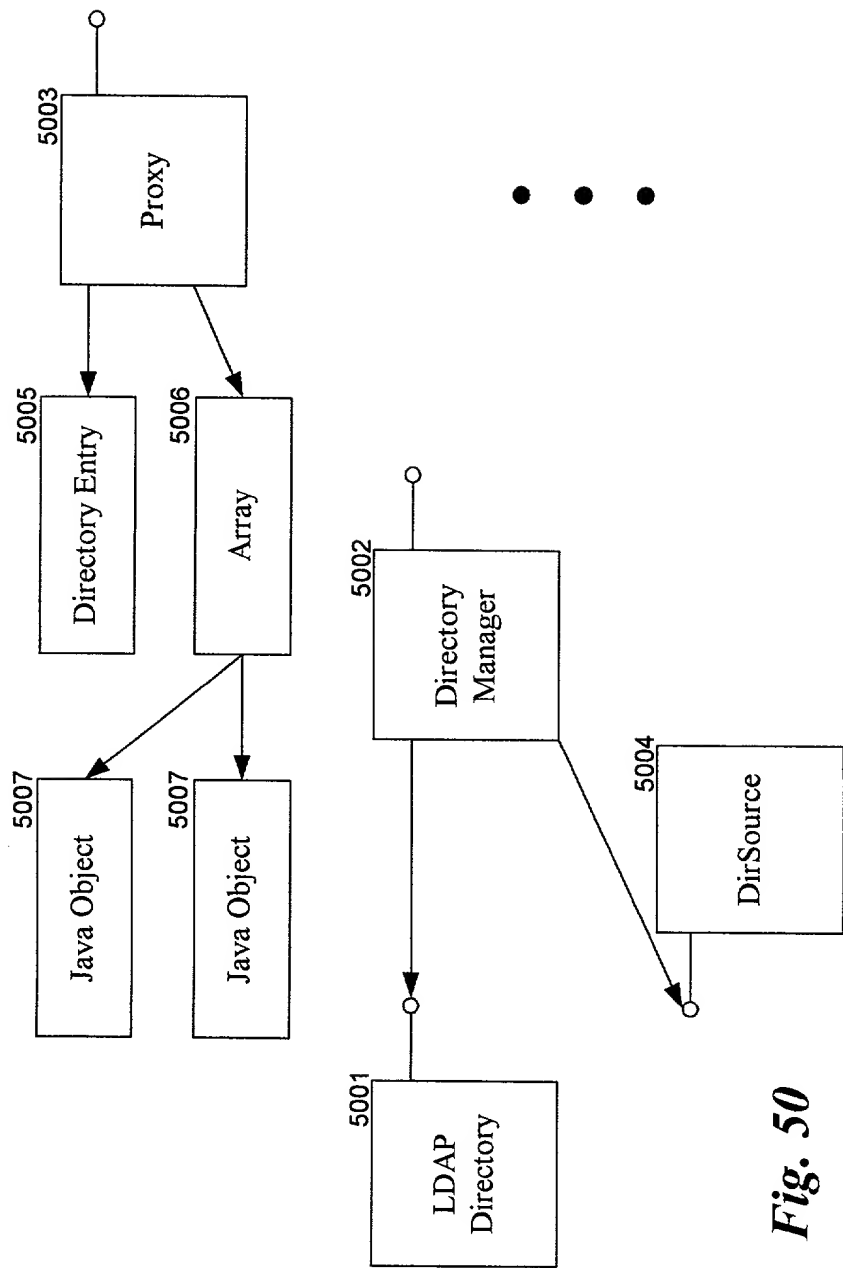


Fig. 50

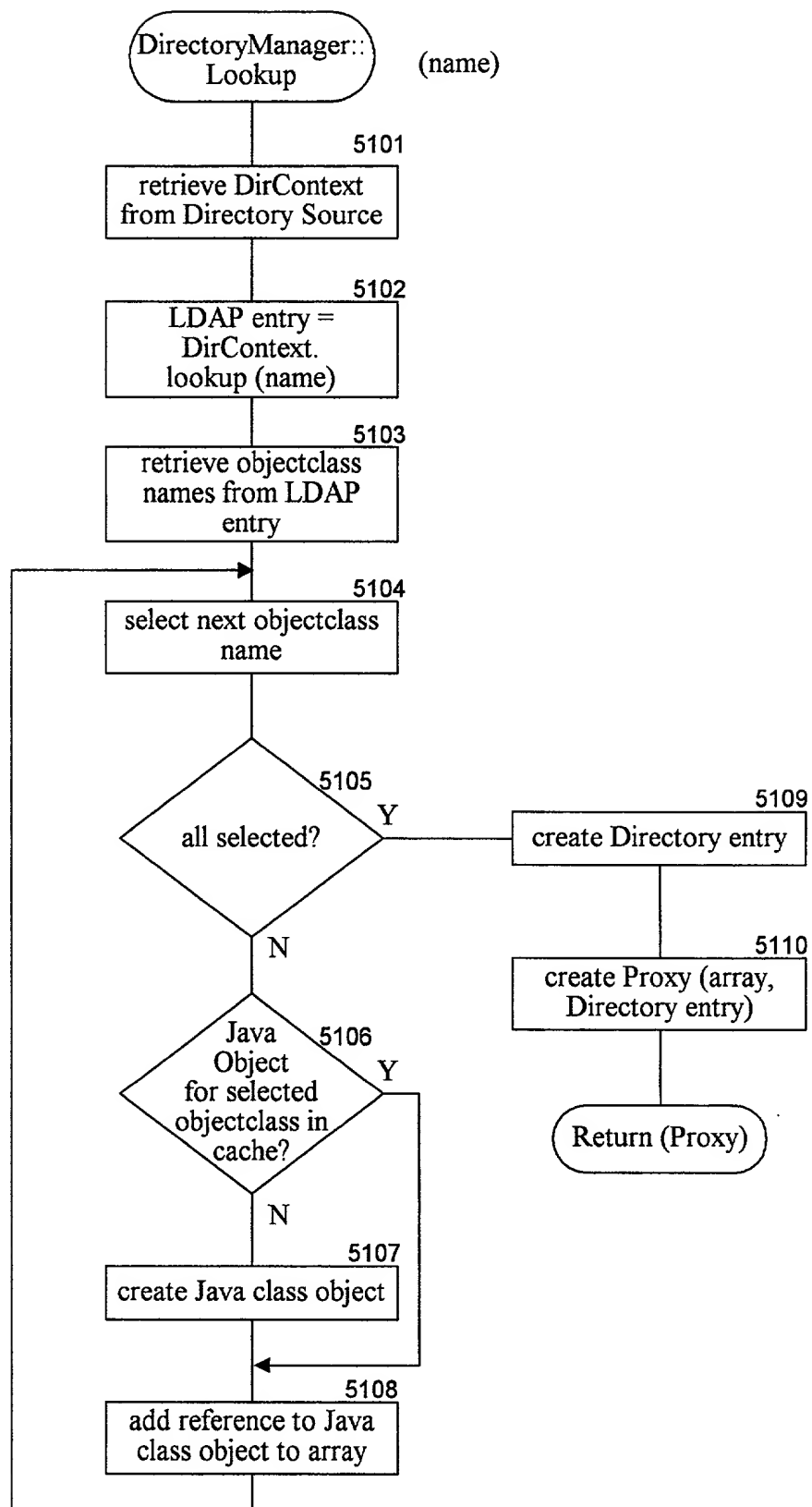


Fig. 51

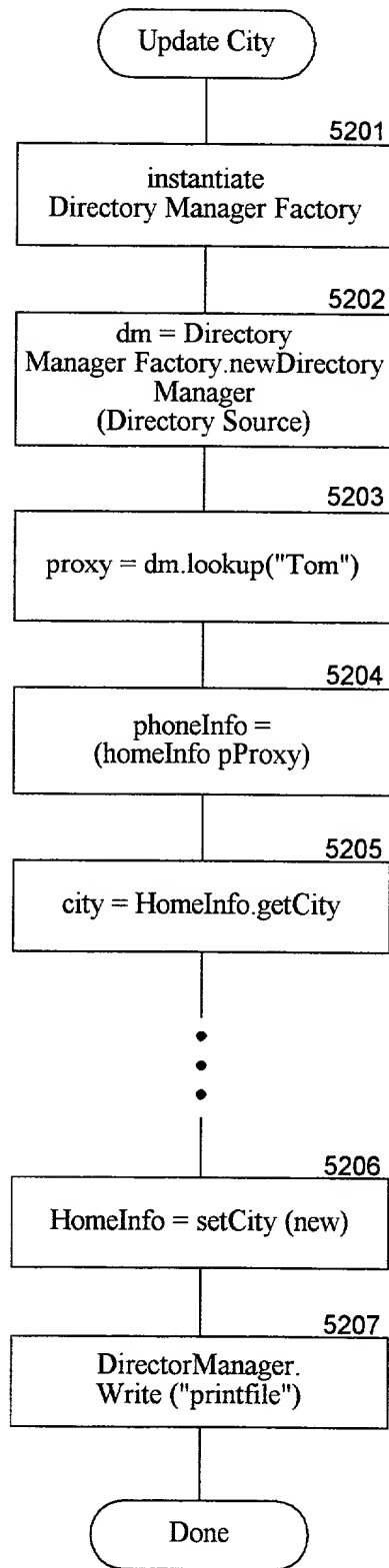


Fig. 52

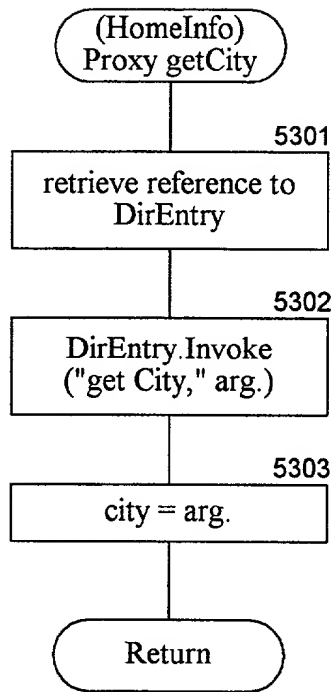


Fig. 53